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OPERATING LOCATION -**USAFETAC**

Air Weather Service (MAC)



SURFACE WEATHER OBSERVATIONS REVISED UNIFORM SUMMARY

ISLAND 17 W 166 38

MSC #912450 PWAK

HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD: HOURLY OBSERVATIONS: JAN 77 - DEC

- DEC SUMMARY OF DAY DATA: NOV 49

86

+12 TIME CONVERSION GMT TO LST

FEDERAL BUILDING "Approved for public release; Distribution Unlimited." ASHEVILLE, N.C. 28801 - 2723

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/137, Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Wake Island, has been reviewed and as approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific and Technical Information

Program Manager

REPORT DOCUMENTATION PAGE

- 2. Report Date: Mar 1987
- 3. Report Type and Dates Covered: Data Summary (RUSSWO) Nov 49-Dec 86
- 4. <u>Title:</u> Revised Uniform Summary of Surface Weather Observations for Wake Island, MSC 912450
- 7. <u>Performing Organization Name and Address:</u> Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
- 8. Performing Organization Report Number: USAFETAC/DS--91/137
- 12. <u>Distribution/Availability Statement:</u> Approved for public release; distribution is unlimited.
- 13. Abstract: A Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Wake Island. See USAFETAC/TN-83/001 (AD-132186) for a complete decription of the RUSSWO and its contents, as well as instructions for use.
- 14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, WAKE, ISLAND, WAKE ISLAND
- 15. Number of Pages: 406
- 17. Security Classification of Report: Unclassified
- 18. Security Classification of this Page: Unclassified
- 19. Security Classification of Abstract: Unclassified
- 20. Limitation of Abstract: UL

Standard Form 298

My Antains

I HAVE REVIEWED AND FOUND SATISFACTORY THIS PRODUCT

The number that identifies the station in this summary is an AMS Master Station Catalog number. This number is comprised of the log number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR IVECK UNINCHEDITAL TICKNICAL AFFLICATIONI (EDITER

REVISED UNIFORM SUMMARY

OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Bourty ubnervantions are defined as thoso record or precord-special abservations recorded at scheduleganourly intervals.

DAILY OBSERVATIONS

haily observations are entected from all data recorded on reporting forms and combined into Sumwry of the Day observations. (Gelected from record-spucing, local, susany of the day, remarks, ele.)

DESCRIPTION OF SUMMARIES

Preceding each rection is a brief dencription of the data compristing each part of the Revised Uniform Summary of Surface Vesther Observations and the senior of prescriptions are prepared from bourly and daily observations renorded by stations operated by the U. B. Sorwipen and some forwigh stations unity similar reporting practices.

Wisco officerian noted the following summates are included for this station:

PART A	PART A VEATHER CONDITIONS	2 PALLE DALLY MAK, MIN, & MEAN TEMP
	LIMOSPHERIC PHENOMENA	EXIREME MAX & MIN TEMP.
PART 8	FART B PRECIPITATION	PSYCHROMETRIC.DAY VS WET BULB
	SHOWFALL	MEAN & STO DEV .
	SHOW DEPTH .	>1000 1000 1000 1000 1000 1000 1000 100
PARTC	PARIC SURFACE WIHOS	
PARTO	PART D. CEILING YERSUS VISIBILITY	PART F STATION PRESSURE
	SKYCOVER	SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All suventes requiring digens to restance are summarised in eight 3-hour periods corresponding to the following sets of hourly observations: Consumptions of the construction, older-older of the construction, older-older older ol

MISSING HOUR GROUPS

finamery theely are unitted when stations maintainful limited observing schedules did not report certain three-bour periods for any particular south during the available period of record. Buth missing sheets deleted below, and are applicable to all summaries prepared from hourly diservations.

ocrown	MOVERBIEN	Diction of the second
Juct	AWIGT	מאסמערונוח
Attit	¥1.	JUNE
WHUMIT.	Printing	INTICK

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**************************************		085	DAY	4 4 4		REMARKS, ADDITIONAL EQUIPMENT, OR REASON.FOR.CHANGE,	
	ORY	ELEVATION ABOVE MSL	HT. BARO.	Same Same Same		IENT, OR REAS	
T.) CALL SIGN	HISTORY	ELEVATION	FIELD (FT)	12 ft Same Same	,	ITIONAL EQUIPN	
FIELD ELEVIFED	INSTRUMENTATION	301110401	3001500	E 166 36 E 166 39 Same		REMARKS, ADD	
соментире Е 166 39	MENT	111100	3001	19 17 Same Same		HT ABOVE GROUND	N/A 69 ft Same 55 ft 41 ft 21 ft 21 ft Same
17 E	STRUI	(TION	5	Dec 47 N Dec 64 Mar 87	,	TYPE OF RECORDER	r N/A N/A N/A N/A Same Same
LATITUDE N 19	N O	AT THIS LOCATION	FROM	Jan 46 Nov 49 Jan 65	ORMATION	TYPE OF TRANSMITTER	Anemometer Same F420B Same Same F420C 1.F420C 2.F102 & F005 Same
	ON AND	TYPE	STATION	WBAS WBAS Same	EGUIPMENT IN		ld. field.
STATION NAME WAKE ISLAND AFLD PN	STATION LOCATIC	GEOGRAPHICAL LOCATION & NAME		Island NAV PN Island Afld PN	SURFACE WIND EGUIPMENT INFORMATION	LOCATION	N/A Located on the tower. Same Same Located on roof of bldg. Located on mast on the field. 1. Located on mast on the field. 2. Located on mast on the field. 3. Same 2. Same
STATION NO ON SUMMARY STATION NAME 912450				Wake ISI Wake ISI Wake ISI	DATE	OF CHANGE	Jan 46 Nov 49 May 51 Dec 57 Feb 58 Jul 63 May 66
STATION 91.2		NUMBER Of	LOCATION	H 0 m	NUMBER	LOCATION	H U W 4 R V V B

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

. <u>(</u>

- 1. By month and annual, all hours and years combined.
- 2. By mouth, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less then .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unleated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

observation, the sums of the individual categories may exceed the percentages of the observations with precip. Since more than one type of precipitation may be reported in the same Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same

Fog - Included are fog, ice fcg, and ground fog.

Smoke and or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

912450 WAKE ISLAND STATION NAME

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77-86

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TOTAL NO. OF OBS.	892	783	825	8.7.2	880	8.74	8.7.7	889	,				6892
X OF OBS WITH OBST TO VISION	, .				ii. • / •	,	. r.	* * * * * * * * * * * * * * * * * * * *	, 5''		,		0*
DUST AND/OR SAND	,					,				,		· ·	
BLOWING		,	-	, ,		,					,		
SMOKE AND/OR HAZE	,	·			1.	,		3	•		,		Ď•
FOG		,	,			`	• 1						0.
X OF OBS WITH PRECIP.	2.5	4.1	5.1	4.0	ម 🖰	2.9	. 3.ª.	ř.	,			,	3.8
HAIL		,	,	,		,		•				•	,
SNOW AND/OR SLEET													Ç
FREEZING RAIN & /OR DRIZZLE													
RAIN AND/CR DRIZZLE	2.5	4.1	5.1	4.0	4.0	2.9	3.0	5.1					3.8
THUNDER- STORMS		×			.1								Q.
HOURS (L.S.T.)	20-00	03-05	80-90	09-11	12-14	15-17	18-20	21-23					
МОМТН	JAN												TOTALS

912450 WAKE ISLAND STATION

STATION NAME

77-86

YEARS

	·			- 1					1	`		1 10	· · · · ·
TOTAL NO. OF CBS.	82.1	7.15	746	794	805	794	798	808	,	·	,		6281
X OF OBS WITH OSST TO VISION			- 4					į		- 4 4			, D
DUST AND/OR SAND									;	,	•		
BLOWING									, ,				
SMOKE AND/OR HAZE		-			• 1			,			•	,	0.
ð S		•		,		,				`		,	,
X OF OBS WITH PRECIP.	3.4	4.5	3.9	2.8	3.0	2.6	3.3	, 3.4.I					3.3
HAIL		•								,			
SNOW AND/OR SLEET			•					•	, ,	,		,	
FREEZING RAIN & /OR DRIZZLE		• ,				·						`	
RAIN AND/OR DRIZZLE	3.4	4.5	3.9	2.8	3.0	2.6	3.3	3.1					3.3
THUNDER- STORMS													
HOURS (L.S.T.)	20-05	03-05	80-90	ü9-11	12-14	15-17	18-20	21-23		q			
HINOW	FEB	,											TOTALS

WEATHER CONDITIONS

7.7.-86 STATION NAME WAKE ISLAND 912450 STATION

YEARS

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	~	<u> ′</u>	<u>, </u>					·		` <u> </u>		·^	
TOTAL NO OF OBS.	894	731	830	862	884	84.9	58.8	884		,		^	687.8
X OF OBS WITH OBST TO VISION	17.	`		.2		.7	ທຸ	,		·			2
DUST AND/OR SAND		· ·				,			- ,				
BLOWING			,	•			ء	,					, ,
SMOKE AND/OR HAZE		,	1.0	•2	:[•	7	ហ					-	.2.
FOG	,		,		,		,				4	*	
X OF OBS WITH PRECIP.	4.4	0.9	6.3	4.8	5.2	η·η	2.7	Į•ħ					T. p
HAIL		ж			,	•							
SNOW AND/OR SLEET	ŕ			,									,
FREEZING RAIN & /OR DRIZZLE	,	,	,				•		'				,
RAIN AND/OR DRIZZLF	4 . 4	6.0	6.3	4.8	5.2	0 ° t ₇	2.7	4.1					T. #
THUNDER- STORMS													
HOURS (L.S.T.)	80-82	63-05	06-08	11-60	12-14	15-17	18-20	21-23					
MONTH	MAR												TOTALS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC.

WAKE ISLAND 912450 STATION

STATION NAME

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TOTAL NO: OF OBS.	877	731	801	. 855	854	826	. 8 9 8	859	,				1133
X OF OBS. WITH OBST TO VISION	3.1	2.1	2.2	2.9	3.3	3.6	5.5	3.4		,			צ־ע
DUST AND/OR SAND					,	,		,					,
HOWING SNOW		,	,		,	,		,					
SMOKE AND/OR HAZE	3.1	2.1	2.2	2.9	3.3	3.6	3.3	3.4				,	2
FOG				•	,	·	-		•	,			
X OF OLS WITH PRECIF.	£*ħ	4 • T	4.6	4°Z	9•h	5.2	5.6	3•3	,			,	9- 11
HAIL	,				,								
SNOW AND/OR SLEET													,
FREEZING RAIN & /OR DRIZZLE	•												
RAIN AND/OR DRIZZLE	4.3	4.7	4.6	4.7	4.6	5.2	5.6	3.3					9-11
THUNDER- STORMS	٤٠						٤•	9*					2.
HOURS (L.S.T.)	00-05	03-05	06-08	09-11	12-14	15-17	18-20	21-23					
MONTH	APR								,				TOTALS

912450 WAKE ISLAND

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ARS

	·····				2 2 2 1	4,44							
TOTAL NO. OF OBS.	· 864.	787	830	86.1,	877	811	8.74	889	,				6783
X OF OBS WITH OBST TO VISION		ì	• 1		1 • <i>1</i>	,	•	,				F (5) >>>)	D• 1
DUST AND/OR SAND	ر د د		;	,					•				,
SNOW		,		ę	,							,	,
SMOKE AND/OR HAZE		,			т н	,		•		,	-		0.
FOG			•1			,	*	,			-	,	0.
X OF OBS WITH PRECIP.	2-2	2.6	2.4	2.4	2.7	2.1	1.44	2.1					2.2
HAIL	· .	,			•								
SNOW AND/OR SLEET				,			,						
FREEZING RAIN & /OR DRIZZLE													
RAIN AND/OR DRIZZLE	2.2	2.6	2.4	2.4	2.7	2.1	1.4	2.1		•			2.2
THUNDER- STORMS	.1			•		*		•2				,	o.
HOURS (L.S.T.)	00-02	03-05	80-90	09-11	12-14	15-17	18-20	21-23					
MCNTH	MAY												TOTALS

WAKE ISLAND 912450 STATION

STATION NAME

77-86

YEARS

			, <u>-</u> ,		<u> </u>				2		•	· · · · · · · · · · · · · · · · · · · ·	v
TOTAL NO. OF OBS.	84.1	6.86	780	845	857	791	821	823	4				. h h h h 9
X OF OBS. WITH OBST. TO VISION	,	· · ·		,					,				
DUST AND/OR SAND					,		4						,
MONS		·	,						,			,	,
SMOKE AND/OR HAZE		•				,				,		, ,	,
FOG								•					
X OF OLS WITH PRECIF.	2.0	3.8	3.2	2.0	2.0	2.0	1.7	1.2				,	2.2
HAR			,		`		•					, in	·
SNOW AND/OR SLEET													
FREEZING RAIN & /OR DRIZZLE				-									
RAIN AND/OR DRIZZLE	2.0	3,8	3.2	2.0	2.0	2.0	1.7	1.2					2.2
THUNDER- STORMS		•											
HOURS (L.S.T.)	00-02	03-05	06-08	09-11	12-14	15-17	18-20	21-23					
MONTH	NUL												TOTALS

912450 WAKE ISLAND STATION

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STATION NAME

*. 			• • • •	. , .	· •								<u>.</u>
TOTAL NO. OF OBS.	851	682	801.	866	882	812.	8,40	850	. ;				6584
X OF OBS WITH OBST TO VISION			' ' '					,		• .			. ,
DUST AND/OR SAND								, ~				,	•
ROWING SNOW	1		·	, , ,	,	,		,	,	~ ,	·		
SMOKE AND/OR HAZE			•				,		•				,
FOG		Ţ			₹ 4.1	,	1	,			,	,	, ,
X OF OBS.WITH PRECIP.	T•#-	4.1	3.6	3.3	2.68	2.6	3.6.	3.1				,	3.4
HAIL		,	đ	Ÿ	, <u>, , , , , , , , , , , , , , , , , , </u>	,	,						,
SNOW AND/OR SLEET	,		,									,	
FREEZING RAIN & /OR DRIZZLE			•										
RAIN AND/OR DRIZZLE	4.1	4.1	3.6	3.3	2.8	2.6	3.6	3.1				,	3.4
THUNGER- STORMS	A		1.	,			•.1						0.
HOURS (L.S.T.)	00-05	03-05	80-90	11-60	12-14	15-17	18-20	21-23					
MONTH	JUL												TOTALS

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912450 WAKE ISLAND STATION

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<u>, </u>	- ,1	·								_			
NO: OF OBS.	£0.6:	766	. #8 ##3	856	880	831	857		} } !-			,	68'DI
X OF OBS WITH OBST TO VISION	. 9	,			. 2		. ໝໍ	3.	*=	-			
DUST. AND/OR SAND					7	. i	. • 1				,	, , ,	
SNOW!	· ·		,	:	,	, , ,	e.				:	•	,
SMOKE AND/OR HAZE	9•)	, (1)		4.	₩ *	S. ?		•	,		tr)
PG	14 (44)	•				·		•			ŕ		
S OF OBS WITH PRECIP.	6.6	8.5	10.2	7.7	9.1	8.2	6.7	9*8	,		,		8.6
HAIL	,	•		,		,			,				
SNOW: AND/OR SLEET		•		·	•								,
FREEZING RAIN & /OR DRIZZLE		,		,		*					·	-	
RAIN AND/OR DRIZZLE	6*6	8.5	10.2	7.7	9.1	8.2	7.9	8.6					8.6
THUNDER. STORMS	.3				•2	•2	•1	• 3					•2
HOURS (L.S.T.)	20-00	03-05	06-08	09-11	12-14	15-17	18-20	21-23			~	,	
MONTH	AUG												TOTALS

912450 WAKE ISLAND

IND STATION NAME

77-86

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· 	<u> </u>		<u>.</u>					-into h			 	,
TOTAL NO. OF OBS.	830	71.7	789	822	839	766	80.4	808	₹. -	,		. 6375
* OF OBS WITH OBST TO VISION	,	, ,		,					,		. ,	0
DUST AND/OR SAND				,	,			,				,
BLOWING	-						,	,		***	,	
SMOKE AND/OR HAZE		,	,		-	•1	,			,	,	ដ•
FOG	,					,	-	,				
X OF OBS WITH PRECIP.	3.9	3.2	3.8	3.6	3.1	. t ti	3.0.	2.5				3.4
HAIL		٦				,	ŕ	,	4			ć
SNOW AND/OR SLEET		,			3	÷		,				,
FREEZING RAIN & /OR DRIZZLE			,					7				
RAIN AND/OR DRIZZLE	3.9	3.2	3.8	3.6	3.1	₽• ₽	3.0	2.5				3.4
THUNDER- STORMS	•2			• 1				4.	,			٠,
HOURS (L.S.T.)	00-02	03-05	06-08	11-60	1.2-14	15-17	18-20	21-23			. 1	
MONTH	SEP											TOTALS

912450 MAKE

WAKE ISLAND STATION NAME

17-86

YEARS

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·	 	-: ,		· - 21	ं						1:	i i sa i	-
TOTAL NO. OF OBS.	847	621	662	839	883	911	840	845			,		6453
X OF OBS. WITH OBST TO VISION			,				. ,		•				
DUST AND/OR SAND				` . ′ .								,	
MOWING SNOW		,	· c		,		•			, , ,		,	,
SMOKE AND/OR HAZE					i.		·	,				,	,
FOG			,						•			1	
X OF OBS WITH PRECIP.	£*ħ	5.5	8*5	5.0	4.2	4.1	3.7	3.9					9*#]
HAIL	Ì	,	,	r		,	~	¥		1			,
SNOW AND/OR SLEET		,		,					,				
FREEZING RAIN & /OR DRIZZLE							,			i,		,	
RAIN AND/OR DRIZZLE	4.3	5.5	5.8	5.0	4.2	4.0.1	3.07	3.9					4.6.
THUNDER	-2						•2	. 1					.1
HOURS (L.S.T.)	00-05	03-05	06-08	11-60	12-14	15-17	18-20	21-23					
MONTH	OCT												TOTALS

7

WAKE ISLAND 91245D STATION

			,		44		د د			,	,	
HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	* OF OBS WITH PRECIP.	ř. Poč	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	X OF OBS. WITH OBST. TO VISION	TOTAL NO. OF OBS.
00-02		4.7		•	,	4.7	.		·		1.	858
03-05		4.9	,		3	4.9	,	,	, , ,			648
06-08	,	6*ħ	3	'		6*#	,		;			796
09-11	e •	5.1			'	5.1	_	•	~	·	-	828
12-14		4-4		,		, # * #		,		,		857
15-17		6.4				4.9				2	.2	804
18-20		6*4				4.9			,		•	858
21-23		8*5			7	0°5		مي				8.42
				,	,					·	4	
				,								
							٠,	,		, ,		`
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	0,	6*4	,		•	6.• h	•0.			0.	• 1	16.49

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YEARS

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	<u> </u>	·, , ,	-	``		*,		·		, * 	. ^		
TOTAL NO. OF OBS.	8.7 t	7.18	808	870	898	856	863	875	,				6.763
X OF OBS WITH OBST TO VISION		· · · · · · · · · · · · · · · · · · ·					***	,		,	,	,	0.
DUST AND/OR SAND	1			,	, -		•1	, ,					0•
BLOWING			-			,		*			, ,		,
SMOKE AND/OR HAZE	,		1		}		,				,		`
FOG	•			,	,		,				4.0		
X OF OBS WITH PRECIP.	0*5	3.9	3.6	1.8	. 2.3	2.1.	2.7	5* £					3.1
HAIL	,		, ,		,	,	,				,		
SNOW AND/OR SLEET		;	,		,								
FREEZING RAIN & /OR DRIZZLE						,			,				,
RAIN AND/OR DRIZZLE	Š.Ò	3.9	3.6	1.6	. 2.3	2.1	2.7	3.5					3.1
THUNDER- STORMS													
HOURS (L.S.T.)	20,-00	03-05	06-08	11-60	12-14	15-17	18-20	21-23				*	
MONTH	DEC												TOTALS

912450 WA

WAKE ISLAND

STATION NAME

77-86

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· ,	· ·			·		- ^							
TOTAL NO. OF OBS.	26.89	6281	6818	66.7.1	67.83	64.49	6584	6801	6375	6453	6491	6763	79356
X OF OBS WITH OBST TO VISION	0.•	0.	, Ż.	3.00	0.0.		,	M	0.		•1	ີ ຕ	
DUST AND/OR SAND			,		,	, **	,		,		0.	0.	0.
MONS BROWING		,				,						,	
SMOKE AND/OR HAZE	, G	0	•2.	3.0	0.	,		.	ນຸ	· ·	,	<i>λ.</i> 4	•.3
FOG	0	•			0.	,		'		,	ີ ຜູ້ ຜູ້	, I	0.
X OF OBS WITH PRECIP.	3.8	3.3	4.7	9**	2.2	2.2	a,e	3.6	3.4	4.6	4.9	3.1	. T. • ħ
HAIL	·			,	•						,		
SNOW AND/OR SLEET				,			7						
FREEZING RAIN & /OR DRIZZLE													
RAIN AND/OR DRIZZLE	3.8	3.3	4.7	4.6	2.2	2.2	3.4	8.6	3.e.4	9 * #	4.9	3.1	4.1
THUNDER- STORMS	0.			•2	Ð.		0	-2	•1	• 1	0.	,	. 1
HOURS (L.S.T.)	ALL												
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and com-

struction may occur in the same daily observation, the sum of the values in the individual categories may headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of ob-The descriptions of the phenomena in the Weather Conditions Summary. above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns

A percent value of ".O" in the table indicates less than .O5 percent, which is usually only one occurrence. This presentation is by month with simual totals, and is prepared with all years combined.

- (1) A day with rain and or drizzie was not separately reported in the WBAM data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later. HOTES!
 - A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle. (S)
- A der with dust shid of sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

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STATION

WANE ISCAND STATION NAME

98-64

YEARS

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PERCENTAGE OF DAYS-WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

	· .	· ;		· · ·		<u> </u>	`						<u>*-</u>
TOTAL NO. OF OBS.	1147	1045	1147	orte	1147	18110	11146	11.07	1109	79.T.	13.40		
X OF OBS WITH OBST TO VISION			,M	11.7		1 a D	2	7				•	,
DUST AND/OR SAND										•			,
BLOWING		5	, ,		;								*
SMOKE AND/OR HAZE	£3			3.2		1.0	1.	ğ ·			1	•	
POG	2	* * * * * * * * * * * * * * * * * * * *	7	1			T	11					
X OF ORS WITH PRECIP.	56.2	57.7	60.2	69.8	6.69	71.9	8.1.9	79.3	80.2	7843	71.9		
HAIL	,									14	v.		
SNOW AND/CR SLEET		,	,				1					,	
FREEZING RAIN & /OR DRIZZLE		,					,						,
RAIN AND/OR DRIZZLE	56.2	57.7	60.2	69.8	6-69	71.09	8.1.9	79.3	80.2	78.3	- 71.9		
THUNDER- STORMS			2.	9•	7.	1.6	3.3	. 4.3	4.0	7 7	1.3		
HOURS (L.S.T.)	Y 17 V												
MOM	NAL	FEB	MAR	APP	мах	NIII	IIII	8116	SEP	OCT	NON		TOTALS

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, smounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and equual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily smount tables indicates less than .05 percent which is usually only one occurrence. and includes percent of days with measurable amounts; percent of days having mone, traces, and given
- the means and standard deviations for each month and annual (all months) and the total valid observation complete month (at least one day missing for the month). When a month has valid observations reported The second set of three tables presents the extreme dally amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEFTH for the entire period of record available. Also provided are count. An asteriak (*) is printed in any year-month block when the extreme value is based on an inbut no occurrences, zeros are given in the tables as follows: તાં *

equals none for the month (whole inches) equals none for the month (hundredths) equals none for the month (tenths) 8 0. 0. EXTREME DAILY PRECIPITATION EXTREME DAILY SNOW DEPTH EXTREME DAILY SNOWFALL

The third set of two tables provides the total monthly emounts of FRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each wonth and annual (all months). An esterisk (*) is printed is each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CL<u>i</u>mató<u>l</u>ógy branch Usafetac Air Veather Service/Mac

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPILITATIONS (FROM DAILY OBSERVATIONS)

912450 STATION

HAKE ISLAND

STATION NAME

49-86

	***		=]	্ ভ ্ৰ ণ	ू <mark>ण्</mark> याः	9	-	<u> </u>	<u>".</u> ₩."	60	3	80	8	32	28	\ . :
	, a	LĚASŤ				M		.39	68	.78	1-16	8.	1.04	£.5.3	7. • .	X
MONTHLY AMOUNTS	(INCHES)	GPEATEST		4.25	3.49	16.9	8.36	5.5	5.42	10.74	7.71	17.08	0231	8.54	18.9	X
MONTH	Ξ.	MEAN G		1.18	3.1	10.	31	08	•29	:03	6.2027.11	8.5	02° 1164° 4	16.	. 89	.21
	لـــٰ	* *	. ;		-	N	0 5		ů 2	× 4		. h. 6		2	8 1	35
	NO N	0 5 5		111	104	LATE	1110	11117	1110	THE	1347	11.09	1147	1140	1178	13574
PERCENT	OF DAYS	MEASUR.	AMTS	33.9	33.8	39.02	4.6.9	47.3	52.3	6° F.9	61.4	8.29	62.1	6.64	40.7	49.3
	20.00	OVER 50.4	OVER 120			*	. ,	4				77	; · · · · · · ·			
1	1.01-20.00	25.5.504. 0	61-120		, ,	,	,	,		,	·	*		;		^
	5 01-19.00 10.01-20.00 OVER	15.5-25.4	49.60	, ,				<u> </u>			€.)	0.
	2.51-5.00	10.5.15.4	37.48	(,,	:	H	2.	.	•2	M	8.	**	χ.	•2	***	.2
	1.01-2.50	6.5.10.4	25.36	•2	1.3	1.2	6.	9	1.1	2.4	3.7	3.2	3.0	1.9	9•	1.7
(INCHES)	. 51.1.60	4.5.6.4	13.24	8.	0°T	1.3	2.0	11. 5. 11.	1.9	3.3	5.9	5.1	1.4	8-1	1.8	2.6
	. 2650	3.5.4.4	7.12	ޕ9	1.7	2.8	4.5	W. W.	3.6	1.9	8.4	1.9	5.8	6.4	3.1	2.5
AMOUNTS	.1125	2.5.3.4	4.6	7.0	2.9	1.9	9.3	8.0	9.5	10.8	11.2	14.4	14.6	8.9	6.5	4.6
	0190.	1.5.2.4	e e	5.9	5.8	7.3.	7.1	10.1	9.1	11.5	9.4	10.6	10.6	8.6	9*9	8.6
•	.0205	0.5.1.4	. 2	10.4	12,5	13.9	15.0	16.1	17.8	1-7 0 1	14.4	15.5	15.6.	14.8	143.3	148
	10.	0,1-0.4	-	6.8 1	5.2 1	5.8	7.4	7.6	9.0	9.9.	7.3	7.4.	7.4.1	8.7.	7.9	7.51
	TRACE	TRACE	TRACE	22.3	23.9	21.0	22.9	22.6	19.6	20.0	17.9	17.3	16.2	2.2.0	25.63	20.7
	NONE	NONE	NONE	43.8	42.3	39.8	30.2	30.1	28.1	18.1	20.7	19.8	21.7	28.1	35.9	59.9
	PRECIP.	SNOWFALL	SNOW- DEPTH	NY	FEB	MAR	APR	MAY	NOC	וחר	YNG !	SEP	OCT :	NOV	DEC	ANNUAL

SLOSAL CLINJIOLOGY BRANCH USAFETAC AIR AFATHER SERVICE/MAC

EXTREPE VALUES OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 912450 STATION HAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

						31	- S-U-T-W						• • • •
YEAR	JAN	FEr	HAR	LPR	MAY	JUNI	10C	₽ne	SEP	OCT	NOV	DEC	MONTHS
1 64	•	•	•	•			•			•	.79	.22	
50	•36	.19	.32	.28	• 54	1.69	2.69	3-74	1.30	1.49	4.34	.57	4.34
51	.67	1.04	•:2	.30	.31	.22	•26	•75	.58	1.03	.61	• 54	1.04
72	• 29	. 1 4	.11	245	1.01	247	3.82	66.	1.00	66.	• 45	.57	3.82
 15.5	.12	1.32	•33	.73	.95	2.71	1.42	3.57	. •32	.81	1.24	.71	3.57
- 55	£3.	1.09	•35	64.	•28	.27	1.64	1.89	.61	1.30	3.90	1.17	3.90
ر ا	.31	1.16	2.27	• 55	•29	:26	•24	1.39	1.06	1.70	•24	.58	2.27
56	1.26	.10	.17	•19	• 43	•28	2-15	•65	.70	1.54	1.56	•20	2 • 15
57	•26	-22	1.66	64.	1:02	•34	•29	1.90	1.35	• 36	• 43	•24	1.90
بى بى	•15	.18	.13	•39	**	• 24	1.16	8.4.8	2.21	1.67	1.38	• 34	2.21
- 65	.27	•22	.16	•62	09.	. 57	.17.	•52	1.44	•59	•72	1.70	1.70
1 03	.1	.21	, q q •	M J.	.30	2-33	1.12	1-45	1.50	2.60	2.33	0.4.	2.60
- 73	.37	٥. ١	43.	94.	•16	.23	2.41	2.06	2.67	2.29	1.02	77.	2.67
62	-22	39.	47.		.30	2.02	2.02	1.59	1.53	3.19	•36	1.14	3.19
63	.21	.16	3.5.	.67	1.36	.85	.72	2.24	.85	1.37	2.16	.75	2.24
1 69	- 34	.20	.34	1.30	•13	2.58	-92	1.09	1.62	.89	1.92	99•	2.58
 59	.04	.52	.51	34.1	.37	.70	.29	1-41	. 4.8	2.02	1.49	.19	2.02
1 99	. 25	9 13 10	-27	.76	1.19	.58	24.	1.01	1.24	.71	•14	.37	1.24
67	84.	• 8 5	2.31	1.81	1.18	1.20	4.20	2.36	2.62	1.76	• 8 tt	1.12	4.20
ۍ ۳	1.5.	60.	•28	2.18	2.02	69.	• 42	16-1	.67	1.74	2.02	• 64	2.18
- 69	54.	.18	•28	.77	.67	* S.4	. 34	-62	1.99	S 90 *	1-10	• 95	1.99
- 55	•28	.62	99.	•00	2.58	.21	3.72	2-22	• 95	1.07	83	• 55	3.72
71 1	• 56	1.22	O. 7.	•56	.73	3 • S	.91	3.18	6.24	1.43	2.19	•20	6.24
72	.61	.22	.51	.38	•12	.37	1.50	•69	2.61	• 39	•39	1.44	2.61
73	.81	1.10	.77	•19	87.	-92	•60	1.38	1-41	. 41	46.	•20	1.41
74	2.28	1.55	-22	٠74	.27	.63	2.33	•25	.93	1.04	•36	•35	2.33
75 -	.43	1.08	•23	.21	ນ9•	•23	* n	1-21	1.44	1.32	96*	2.63	2.63
1 92	84.	1.17	2.27	ទ ទ	•28	1.17	.78	1-12	09-	245	**	87.	2.27
1 11	•12	•20	1.87	ω. •	-62	. 29	99•	2.54	**83	1.69	1.49	•39	2.54
7.3	c			400	Ç		9.5					ì	

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIM/TOLOGY RRANCH USAPLTAC AIR ALATHER SFRVICE/MAC

EXTREME VALUES OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATICH NUMBER: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

					27	HOUR AM	OUNTS IN	INCHES					
YEAP	JAN	FCB	3. 3.	A P P	МАХ	-0-X- 70N	-X-N-1-H-2-N-1	AUG	SEP	00.1	NOV	DEC	ALE
1 62	49.	85	.50	.60,	10	47	29.	5.25	1.32	2.35	n9°	4	5.25
80	* • 12	1.26	744	.65	96.	. 33	1.00	1.55	•63	66.	1.99	• 18	1.99
81	Oh.	1.04	1.83	•63	.33	.68	1.84	5.19	-97	.73	1.33	.31	5 - 1.9
5.2	90•	584	1.84	1.79	96*	• 19	-27	•63	1.18	•16	1.22	•12	78° I
83	.17	: .21	37.	1.54	.15	.21	-52	S	•16	• 56	•43	.37	1.54
The	.81	1.51	1.00	1.12	.27	1.70	1.40	• 38	• 78	2.75	2.10	• 34	2.75
85	•26	3 ₩ •	62.	64.4	.53	.79	1.50	1.90	•61	-22	• 45	. 14	64.4
3¢ f	.61	24.5	2.93	•36	.03	•25	2.51	3.54	•52	-41	1.68	• 38	3.54
Ne Ne Ne	435	.630	7.47	.871	.621	.857	1-306	1.737	1.341	1.240	1.261	.588	2.857
5.0.	107.	•466	.778	.891	.533	.693	1.034	1.248	L. G63	.748	.941	.501	1.213
101AL 085	1147	1045	1147	1110	1147	1110	1147	1147	1109	1147	1140	1178	13574
											4000000		

NOTE * (BASED ON LESS THAN FULL MONTHS)

MONTHLY PRECIPITATION (FPOH DAILY OBSERVATIONS)

GLOGAL CLIMATOLOGY BRANCH USAFLTAC AIR "FATHER SERVICE/MAC

STATION NURBER: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

	N V	د ند د	X 43	900	Y A K	-0-H-	-N-H-H-N-O-H-	90	SEP	100	> ON	DEC	A'L L' MONTHS
	• • • • • • • • • • • • • • • • • • • •	•						• • • • • • • •		•	2.75	6.4	•
 ני	1.27	3	695	1.49	2.00	3.42	10.15	12.40	6.34	5.06	8 54	3.02	54.7
2 6	2.16	1.57	.73	1.19	1.66	1.64	1.50	1.51	4.18	4.83	2.19	1.75	24.71
3	77.		.36	3	3.63	1.93	7.76	74-4	2.66	3.36	1.27	1.43	30 • 36
. ~	e M	3,16	1.55		1.69	4.51	3.70	11.49	1.47	3.19	2.39	2.22	37 • 2(
5.5	2,32		1.15	7	1.53	1.19	5.24	5.78	4.10	5.40	7.25	2.99	42-2
5.5	1,26	~	5.58 8.58	7	1.19	1.42	.80	3.50	44.4	6.93	1.27	1.70	32.6
98	1.92	~	1.86	7	1.53	1.52	20.2	2.58	2.05	6.26	5.53	96.	30.16
47	00	3.6	66.7	8	2.53	2-25	1.78	8.71	5.17	2.11	1.35	.91	30 - 8
283	. 80		.67	0	1.38	• 86	4.13	2.22	4.33	5.34	3.09	• 16	26.01
ر ان ان	1.02	10	55.	?	2.07	2-10	2.37	3.00	3.37	2.36	2.12	3.09	24.84
9	4.1	.73	.52	1.94	.95	3.74	3.10	3.20	4.93	6.70	4.48	• 65	31 .3
19	70	900	3.47	0	.50	1.09	46.4	8.06	.10.81	8.19	3.32	• 16	43.62
22	65.	1.63	1.00	'n	1.02	5.19	6.49	8.54	6.30	11.70	1.23	2.44	48.6
23	មា	.32	1.09	ယ္	3.66	3.37	1.38	4.38	2.09	5.54	3.12	1.74	30.16
1 49	26.	.61	1.08	•	-42	5.25	4.46	5.85	26.9	2.80	2.53	1.67	36.19
65	• 0.0	1.09	1.38	M	2.23	1.41	.78	4.02	3 - 44	8.31	1.92	.51	Z6 • 4
99	.67	1.34	49.	1.30	3.20	1.59	1.70	4.95	5.15	2.53	• 32	.62	23.91
67	1.17	00.1	6.14	3.80	2.25	4-18	10.56	8.71	16.60	3.12	2.08	1.85	62 • 36
63	1.20	.15	.7 u	6.22	3.65	2.26	3.48	6.10	3.69	7.12	4.29	2.03	40.9
1 69	1.15	.74	.91	1.62	1.38	1.64	1.15	1.63	4.19	2.41	26.2	4.74	24.4
7.0	36.	1.50	1.06	.31	4.55	86*	10.74	5.44	2.88	3.26	1.61	1.91	35.79
7.1	1.79	3.54	1.62	3.61	2.38	3,52	2 • 40	6.51	1:7.08	2.00	5.01	.98	25.64
7.2	1.75	.75	1.77	1.21	.67	1.30	3.38	3.44	8.05	3.36	1.17	4.15	29.61
73	2.17	1.71	1 - 4 1	68.	1.99	1.95	1.23	7.42	3.12	2.73	2,25	•93	27.8
74	4.25	7	65.	1.93	96.	1.74	9.25	1.16	76.4	3.18	1.88	1.73	33.7
75	88	2.12	1044	.91	2.19	• 96	3.08	4.48	5.73	3.48	2.82	6.87	34.96
76	1.19	7	6.91	1.53	1.29	1.81	3.18	2-69	2.24	1.40	2.44	19.	28.8
7.7	4.3	αŋ.	2.55 2.55	1.63	1.63	1.83	2.40	12.39	*2.89	10.33	2.83	1.36	* 444.
								-					

NOTE * (PASED ON LESS THAN FULL HONTHS)

CONTINUED ON NEXT PAGE

GLCSAL CLIMATOLOGY BRANCH USAFETAC AIR MATHER SCRVICE/HAC

RONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATICH WUMBER: 912459 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

) :	210121))				Att
YEAE	JAN	FEB	48	APR	MAY	זחר	JUL	AUG	SEP	100	NON	DEC	MONTHS
1 64	2.28	1.45	1.53	1.48	6×.	1.50	1.77	14.20	4.58	3.95	3.09	1.17	37.39
- 0x	.38	1.54	1.11	2.02	1.50	1.00	2.71	3.92	3.85	4.81	3.08	•28	26.20
- Ta	.34	1.39	5.19	1.26	1.19	2.23	7.23	27.71	2.63	3.11	2.67	1.38	56.83
523	• 14	3.15	3.14	40.4	2.20	2.20	1.28	2.72	4.50	1.04	2.01	. 45	26.87
 	.65	.27	95.	4.28	. 52	66.	2-21	1.72	.80	3.03	2.26	1.11	18. 44
1 43	2.11	2.51	1.20	3.18	1.61	4.24	5.51	1.62	2.60.	8.33	4.00	1.00	37.91
6.5	.32 %	1.12	1.54	8.36	2.01	1.90	3.57	7.06	2.05	1.09	2.18	•52	32.22
36	1.85	1.61	69°0	8.8.	• 45	89·	4.30	1,2.72	1.88	1.64	3.71	1.64	38.01
- 243.	1.180	1.368	2.075	2.311	1.795	2.292	4.028	6.197	4-854	4.489	2.942	1.678	34.939
J. 5.	.811	.975	1.937	1.622	.995	1.351	2.865	5.090	3.614	2.558	1.620	1.325	10.094
TOTAL OBS 1	1147	1045	1147	1110	1147	1110	1147	1147	1109	1147	1140	1.178	13574

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

912450 STATION

WAKE ISLAND

STATION NAM

49-86

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NNTS		LEAST		0.00	0.	^ Q .;	# © **,		.0	0,8	Ò.	0 • .	0.	0•	۰.	X
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MONTH		MEAN		0.	0.	a	•	0	0.	0.	0	Ò.	0	0.	0•	0
•	TOTAL NO		* {	1147	1045	1147	11.10	1117	OLLI	257.1	2811	1109	11.47	1140	8111	13574
· .			AMTS	` e -	, 	, •			,	-	· ·		,	,	, , , , ,	
-	10.01-20.00 OVER 20.00 OF DAYS	OVER 50.4 A	OVER 120		,			,		 ,		,			ı	
	0.01-20.00	25.5.50.4	61.120	,	,	, ,						, `	<u> </u>		-	,
	5.01.10.00	15.5.25.4	49.60		,				,	,	, ,	·				,
	2.51-5.00	10.5-15.4	37-48		*	,			,	-	,		,			,
,	1.01-2.50	6.5.10.4	25.36												, ,	
CHES	51.1.00	4.5.6.4	13.24		,	·	-						`	1	,	,
AMOUNTS (INCHES)	.2650	3.5.4.4	7.12	•	.t			,								
AMC	.1125	2.5.3.4	4.6													
	0190.	1.5.2.4	9							*				-		•
	.0205	7'1'5'0	2				,	~				,				
	10.	0.1-0.4					,									
	TRACE	TRACE	TRACE													
	NONE	NONE	NONE	100.0	100.0	100.0	1.00 .0	1 á a • a	100 • n	100.0	100.0	.aa.a	רפס•ם	1.00 • 0	100°0	ANNUAL I BB . B
	PRECIP.	SNOWFALL	SNO.₩. DEPTH		FEB	MAR	APR	MAY	Nnr	າດເ	₽NG	SEP	OCT	NON	DEC	ANNUAL

GLOKAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SFRVICE/MAC

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION AUMPER: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

ALL	MONTHS		.	•	7.	0.	0.	.0	•	0.	0.	٠	0.	.	.	•	•	0.	ລ.	.	.	.	0	٥,	0.	۰	.	0.	J.	oj.	G•
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•	00.1		D •	•	•	0	0.	0	0•	0•	.	•	0	0.	0.	•	0.	0	٥.	0.	0	0	0.	0.	0.	0.	0.	0•	0.	c.	0.
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INCHES	AUG	•	0.	Ö	0.	•	•	•	0.	•	•	0.	0	•	0	Ö	0	0.	0.	0	.	0.	•	0.	0.	•	۵.	o.	٥.	0•	0.
AMOUNTS IN	JUN JUL	•	.	0•	0•	0.	0.	0.	0.	.	0.	0.	0	c·	D•	ပ	٥.	c•	0•	٥.	<u>.</u>	ני	ස •	٥.	.	0.	0.	.	0.	.	C •
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77	¥ ¥ H	•	۵.	0.	0.	0.	D.•	ت	0.	0 •	0•	0•	0.	O.	0.	0•	0		0.	C.	<u>ت</u>	ວ	0	.	<u>.</u>	0.	0.	0.	0.	0•	0.
•	APR	•	c•	ن	0•	0.	<u>.</u>	۲,	.	0•	0	0.	ວ•	ຍ•	с: •	<u>ت</u>	0.	0.	ם •	ပ္	c.	າ•	c.	<u>ت</u>	0.	ာ	0.	0.	0.	c.	0.
•	MAR	•	c;	<u>.</u>	0.	ລຸ	0.	9	0.	D.	0	c.	c.	٥.	0.	0.	c·	c.	0	.	c•	5	0	0•	Q	0	0	o. •	0.	0	0.
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•	JAÑ	•	e.	0.	0.	c.	0.	0.	0.	0.	a•	٥.	0.	0.	0	0.	c.	٠.	٥.	e.	c·	0.	c.	G.	c	C.	0	0•	0.	.	0.
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NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLUFAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHFR-SFRVICE/MAC

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION HUMPER: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

-					54	HOUR AROUND IN	-M-D-N-I-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N	זאראב א		~	•		ALL
YEAP 1	AAC.	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	0CT	NOV	GEC	MONTHS
1 62	***	D	D	a		D	D	0	0	0	D	0	o.
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- 25	0.	0	٥.	Ď.	٥.	٥	0.	0.	0.	0.	D.	•	•
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85	(ပ) •	<u>ن</u>	0	0.	ລຸ	•	• 13	0.	0.	0.	0	•	ā
86	0.	e.	o.	.	c•	0.	0•	0.	0•	•	0.	•	.
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0.0	000.	. 900	000	000.	000	000	000.	000.	000.	000	000	• 000	000•
TOTAL 035	1147	1045	1147	1110	1147	1110	1147	1147	1109	1147	1140	1178	13574

NOTE * (BASED ON LESS THAN FULL MONTHS)

6LOBAL CLIMATOLOGY BRANCH USAFETAC AIR "CATHER SERVICE/MAC STATION GUMBER: 912450 STATION NAME: NAKE ISLAND

HONTHLY SNOWFALL (FROM LAILY OBSERVATIONS)

PERIOD OF RECORD: 49-86

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>ON	0.	D.	0.	.	0.	0.	0•	c.	0.	•	0	0.	•	.	•	D	0	0.	ů.	0.	•	۵.	ó	٥.	0.	0.	0.	0.	•	0.
001		0.	.	0.	0.	D •	0	.	0	0.	0.	0.	0	0•	.	•	•	D •	0	0.	o.	0.	0.	0	0	0.	0.	0.	•	0.
SEP		0.	0.	0.	0•	0.	0.	0.	0	G :	0	.o.	.	0	•	D.	o.	0.	.	0.	0.	0	0.	c.	٥.	0.	•	.	0.*	0.
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HONTHLY SNOWFALL I		0•	٥.	0.	0.	G	٥.	D•	0.	0.	o •	٥٠		0.	ш •	0.	0.	٥.	.	0.	0.	0	C.	:	5	0•	٥.	٥.	0.	0.
MONTHLY -M-0-	•	٥.	0.	D.	o•	c.	0.	c.	0.	0.	0.	٥	0.	٥.	و	0•	0•	0•	•	0.	0.	ė.	0.	0.	.0	0.	D.	•	a.	0.
TOTAL	•	ü	0.	0.	0 •	0.	0.	.	0.	0	ū•	<u>.</u>	0.	0.	0.	•	0.	· •	•	0.	0.	0.	0.	0.	٥.		Q	0.	Ö	0.
APR		ָרָי •	e.	D.	C.	ē.	0.	0.	0•	0•	0.	0	0.	ت •	0	0.	0•	· .	à	C.	0.	c •	0.	c.	e.	<u>ن</u>	C.	0.	c.	0.
ያ ል የ		0.	٠.	٥.	0.	0.	0.	0.	ŗ.	0•	c.	c·	0.	0•	0.	α •	.	٥.	c.	0.	0.	ο.	0.	•	c·	0.	c.	G.		0.
FER		0.	<u>ت</u>	٠	٥.	ຳ.	0.	0.	0•	<u>ن</u>	٠,	0.	J•	Ü•	: :	٠.	÷	<u>ن</u>	.	0.	c.	ن	0.	• •	0 •	<u>ن</u> •	٠	•	<u>ن</u>	ပ •
ואנ		0.	e.	-22	.0	C.	G.	<u>د</u> .	0.	c.	0.	c.	c·		0.	0.	•	Ö.	0•	0.	c.	0.	<u>.</u>	9	0.	0.	0.	0	.0.	.
YEAF	1 611	- 05	- 1,1	52	53	54	55	1 95	27	96	1 65	 ري	19	1 29	63	– by	55	 ?	67	- ev	69	7.3	7.1	7.2	73	74	75	76	77	7.5

HOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE

GLUCAL CLIMATOLOGY BRANCH USAFETAC AIR ATHER SERVICE/HAC

HONTHLY SNOWFALL (FPOH DAILY OBSERVATIONS)

STATICN NUPBER: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

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1147	1147	1110	1147	1110	1147	1147	1109	1147	1140	1.178	13574

NOTE * (BASED ON LESS THAN FULL MONTHS):

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHOW DEPATH
(FROM DAILY OBSERVATIONS)

912450 STATION

WAKE ISLAND

STATION NAME

9-86

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MONTHLY AMOUNTS	(INCHES)	GREATEST			*	, ,	3 K 27				, ,	,			,	X
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PERCENT	10.01:20.00 OVER 20.00 OF DAYS	MEASUR: ABLE	AMTS		,		#" • • •	, , ,		1	,		,	,	•	•
,	OVER 20.00	OVER 50.4	OVER 120		, i /		٠	,		·			•		•	
,	10.01:20.00	25.5.50.4	61-120		•		,	,	,			,,,	***	,	* *	,
	2.51-5.00 5.01-10.00	15.5.25.4	79.60	•	,		,			·		`	1	٠		
	2.51-5.00	10.5.15.4	37-48					•	•	т,	r				-	
<u> </u>	1.01.2.50	4.5.10.4	25.36					,			,	,			Ĺ	
CHES	.51.1.00	4.5-6.4	13.24		•						,	>		ç	,	
AMOUNTS (INCHES)	.2650	3.5.4.4	7.12					,			•					
AMC	.1125	2:5:3.4	9-7						,				,			
	0190.	1.5.2.4	3		,			-	•	,						
	.0205	0.5.1.4	2					-								
	10.	0.1-0.4	ı													
	TRACE	TRACE	TRACE								3,4					
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	PRECIP,	SNOWFALL	SNOW. DEPTH		FEB	MAR	APR	MAY	NOL	זמר	AUG	SEP	OCT	NOV	DEC	ANNUAL 1000
													,			_ ^

GLOBAL GLIMATOLOGY BRANCH USAFETAC Air Weather Service/Mac

EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STALLON HUNGLY: 912450 STATION NAME: MAKE ISLAND

PERIOD OF RECORD: 49-86

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, (130		D	0	0	0	0	c	0	۵	5	0	0	0	a	0	0		0	0	0	0	Ö	C	0	0	c	0	0	0	C
	SEP		0	0	0	0	0	C	0	0	D	0	0	0	0	0	0	0	0	0	6	0	0	0	0	۵	C	0	0	0 *	c
INCHES	AUG		ŋ	o	0	٥	0	o	0	0	0	0	۵	٥	0	٥	C	0	0	0	0	۵	0	0	0	٥	۵	Ö	0	Ð	c
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ILY SHOW -M-0-N	NOC		O	D	0	a	C	D	0	Φ	0	C 1	0	C	C	D	ß	ຜ	C	0	O	0	0	D	0	C.	0	ם	6	C	_
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;	2 t t t		5	C	C	0	0	C	0	6	0	၁	٥	0	ပ	0	C	c	O	0	ဝ	ت	ပ	0	a	D	O	to	0	0	c
	FER		ບ	n	9	ပ	င	ස	ပ	G	n	ວ	ů	ټ.	=	0	ပ	ם	U	ت	ລ	c	ప	C	ت	ں	ဝ	0	٥	C	_
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	YEAR	1 67	03	- 15	52	M.		55	99	57	58	65	1 09	61 -	- 29	(3	+ h + 9	65	99	67	6.8	69	70 1	71	72	73	74 1	1 51	1 94	77	7.5

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR ACATHER SIRVICE/PAC

CXTREME VALUES OF SNOW DEPTH (FROM DAILY DESERVATIONS)

STATICH NUMPER: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

					÷ C	ILY SHOW	DEPTH 1	DAILY SHOW DEPTH IN INCHES					
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93	a	J	D	0	0	6	C	0	0	0	B	-	0
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HOTE * (BASED ON LESS THAN FULL HONTHS)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

valid observations. Heans and standard deviations are also computed when four or more values are present. 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July Extreme Values - Peak Gusta: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTES value is presented when every month of the year has 1968. The extreme is selected and princed from available peak gusts for each year-month, however an for any column. A total raw count of valid observations is presented for each month and ALL MONTUS. * 7.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knuts) in increments of Reguency of wind directions and speed, and in addition the mean of Regulort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction. ٠. دن

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where 11ght and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed WRBL.

- Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, (3) By month by standard 3-hour groups.
- follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet. A sepurate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as غ

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Volues for mains and standard deviations do not include measurements from incomplete months.

GLOJAL CLIMATOLOGY BRANCH
USAFETAC
AIR "KATHFR SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATICE HUMPLR: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 52-86

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NOTES * (BASED ON LESS THAN FULL MONTHS)
\$ (BASED ON LESS THAN FULL MONTHS AND *10D KNOTS)

CONTINUED ON NEXT PAGE

SLDSAL CLINATOLOGY BRANCH USAFETAC AIN AFATHFE SERVICEZMAC

EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATICA NUMBER: 912450 STATION NAME: MAKE ISLAND

PER100 OF RECORD: 52-86

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HOIES # (BASED ON LESS THAN FULL MONTHS) \$ (BASEC ON LESS THAM FULL MONTHS AND +100 KNOTS)

STATION NUMBER: 912450 DIPECTION 11-3 ODEREES! .1 N N NE N N N N N N N N N N N N N N N N N N N	Charles of the Control of the Contro				FKON HODKLY OB	FROM MODIFIE DESCRIPTIONS		
DIPECTION 1-3 (DEGREES) N N NNE NE NE NE NE NE NE	STATION	NAME: WA	WAKE ISLAND			PERIOD OF RECORD: HONTH: JAN HO	77-86 URS (LST):	0000-0500
DIPECTION 1-3 (DEGREES) N N NNE NE		•	- IM - 28	BIND SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •
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	.2 4.5	5.9	7.2	3.6	£.		21.8	9 11.3
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NSS .	8•	1.3	3.	4			3.0	9.6
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entrepresentation of the state								

STALION NUMBER: 912450	1 912450	STATION NAME:	NAME: "	WAKE ISL	SLAND			PERIOD OF RI	ECOR	D: 77-86 Hours (LSI):	0300-0200	200
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OIRECTION T	1-3	9-4	7-10	11-16	17-21	12-22	28-33 34-40	0 41-47	48-55	95 39	TOTAL	HEAN
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	20	1.7	5.4	7.0	2.3	6.	.1				17.7	12.3
w .		4.2	5.2	6.1	2.9	.3					19.5	10.6
FSE	•	2.4	3.5	1.5							7.7	8.6
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S	•	1.0	3.4	9.	9•						3.8	10.2
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STATION HUMBER: 91245G STATION NAME: WAKE ISLAM DIRECTION 1-3 4-6 7-10 11-16 1 (DEGREES) 1-6 2.5 1.8 NE	D VIND SPEED IN KNOTS VIND SPEED IN KNOTS -6 -6 -6 1-1 1-3 2-9 1-6 -1 2-2 -1 -1 -1 -1 -1 -1 -1 -1	OF RECORD: 77-86 JAN HOURS(LSI): 0600-080 48-55 GE 56 161AL M 7.3 12.3 17.4 17.9
DIRECTION 1-3 4-6 7-10 11-16 (DEGREES) 1.6 2.5 1.8 NHE 1.2 2.2 3.9 NHE 2.2 2.2 2.2 3.9 NHE 2.2 2.2 2.2 3.9 NHE 2.2 2.2 2.2 2.2 3.9 NHE 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.	#IND SPEED IN KNOIS 7-21 22-27 28-33 39-40 6 6 6 1.1 1.3 2.1 .5 2.9 1.6 .1 2.2 .1 .1	56 101AL 3 7.3 7.3 12.3 17.4 17.1
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STATION NUMBER: 912450	R = 912450	STATION NAME:		VAKE ISI	SLAND			PERIOD OF RECORD: MONTH: JAN HO	URS CL	7-86 ST): 0900-1100	1100
DIRECTION	1-3	9-4	91-10 11-19	•	HIND 17-21	SPEED 22-27	IN KNOTS 28-33 34-40	41-47 48-55 GE 56 TOTAL HEAN	48-55 GE 56	TOTAL	HEAN
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asa	-	.3	9.	-2						1.1	8.7
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TOTAL NUMBER O	OF OBSERVATIONS	TIONS:	в70								
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	GLOBAL CLIMATO	LOGY BRANCH	* *	PERCENTAGE	FREQUENCY	9.	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	WIND DIREC	TION VERSUS MIND	ND SPEED	
	AIR WEATHER SERVICE/MAC	RVICE/MAC							•		
	STATION NUMBER:	912450	STATION A	NAHE: WA	WAKE ISLAND	01		PERIOD OF MONTH: J	RECORD: An Hours	77-86 LSI1: 1200-1400	. 00 %1
			•			UN I M	PEED IN KNOTS	•	•	• • • • • • • • • • • • • • • • • • • •	•
	DIRECTION	1-3	9-4	1 01-1	11-16 1	7-21	~	41-47	48-55 GE 56	TOTAL *	
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	NE		8.	3.3	5.7	2.3				12.5	12.8
	383		۲۰	5.0	7.5	3.1	1.8			18.1	13.9
		.2	•5	3.9	7.4	3.6	.			15.9	13.5
	rse l		9•	2.3	1.1					4.1	10.0
	38		• 8	3.6	2.5	•1				7.1	6.6
	SSE	.2	9•	1.7	1 - 1	٠3	• 3			4.3	11.2
	S	1.	1.4	2.4	2.0	°5				4.9	6.6
Ministration of the Control of the C	· ·		•3	9.	9.	.3				1.8	11.1
	35		1.0	1.0	9•	•2				3.0	8.5
	NSW	.2	9•	1.7	1.0					3.5	8.7
1	3	-	« •	6•	•3					2.0	7.8
	KNE		2.	1.4						1.7	7.7
;	- AN		•2	1.1	•2	•2				1.9	9.2
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,	TOTALS	1.3	10.5	34.6	37.1	12.9	3.5			100.0	11.7
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ANT TOTAL WEIGHT STATES THIS STATES THE TATES	USAF	ETAC LIMATO	GLOBAL CLIMATOLOGY BRANCH		P ERCENTAGE	E FREQUENCY	9	CCURRENCE FROM HO	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS	N VERSUS WIND SPEED	
STATUM NUMBERS 71239 STATUM NAME	AIR	WIAIHER SE			i	1			0 30 001030		
Olinection 1-3 4-6 7-10 11-16 17-21 22-27 28-33 3-40	A .	TON NORBER	05 #21 6	20114	- 1	٦	2		NAL : HINOR	HOURS (LST): 1500	0-1700
OLOGOFIC 1-3 0-6 7-10 11-16 17-21 22-27 26-33 34-40 41-47 41-55 101 41 41 41 41 41 41 4	•				:	:	EINO	SPEED IN		• • • • • • • • • • • • • • • • • • • •	
NI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DEGREES 1	-3				17-21	22-21	34-40 41-47	GE 56	
NNE 1.6 2.5 1.6 .1 .1 .1 .1 .1 .1 .	•	2	•	1.6	3.0	3.3	.3	.2	•••••••	• • • • • • • • • • • • • • • • • • • •	:
FECTOR 1.1 1.6 1.7 1.6 1.0 1		MNE		٤.	1.8	2.5	1.8	• 1		6. 7	1
ETTLE TITLE 4.7 7.6 4.0 1.0 .1 10 .1 10.0 10.0 10.0 10.0 10	-	,	.1	8.	3.3	6.1	2.5	•2		13.	
SE	;	,		1.7	4.7	7.6	0.4		•1	19.5	
SE	100	 النا		1.3	2.8	7.0	2.8	•2		14.0	
SSE	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ESE		ň	2.3	2.0	9.			S.8	
SSY	· Line	SE		• 5	3.0	1.6	•1			5•3	
SSY		SSE		1.1	2.2		£.			#	
SSW	a combination	: s		.7	2.8	•	r.	2.		5.3	
2.6 1.1 1.4 .3 .2 2.2 2.9 .2 .8 .9 .2 .2 1.1 1.1 .8 .5 .1 3.8 1.1 1.1 .8 .5 .1 3.8 1.1 1.1 .8 .5 .1 3.8 1.1 1.1 .8 .5 .1 3.8 1.1 1.1 .8 .5 .1 3.8 1.1 1.1 .8 .8 .5 .1 3.8 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	;	nss nss		9•		1.1	•2			2.6	
1.1 1.4 .3 .2 2.9 2.9 .3 .3 .5 .1 2.9 3.1 .5 .1 .1 .8 .2 .1 3.8 1.1 .1 1.1 .8 .5 .1 3.8 1.1 .1 1.1 .8 .5 .1 3.8 1.1 .1 1.1 .8 .5 .1 3.8 0.1 .1 .1 1.1 .8 .5 .1 3.8 0.1 .1 .1 1.1 .8 .5 .1 3.8 0.1 .1 .1 1.1 .8 .5 .1 100.0 1		MS	.1	7.	1.3					• 1	
-2 -8 1.5 -3 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	\$	nsn .	*	1.1	1.4		•2			3.1	
-1 1.1 1.1 8 9 -2. -1 1.1 1.1 8 -5 .1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 3.8 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 1.1 -1 1.1 1.1 -1 1.1 1.1 -1 1.1 1.1 -1 1.1 1.1 -1 1.1 1.1 -1 1.1		:3		8.						2.5	
-1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 3.8 -1 1.1 1.1 .8 .5 .1 .1 .1 3.8 -1 1.1 1.1 .8 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1		7		•3	• 5	7.					
.6 15.6 33.1 36.3 14.0 2.2 .1 100.0 1 OF OBSERVATIONS: 870		2	ļ	• 5	80		.2.			• 1	
.6 15.6 33.1 36.3 14.0 2.2 .1 100.00 1		T AND	1	1.1	1.1	8.	•5	•1		3.6	
.6 15.6 33.1 36.3 14.0 2.2 .1 100.0	•	VANTARIF	•				:				
6 13.6 33.1 36.3 14.0 2.2 .1	***************************************	,	mmmm	mmin	mm.		munn.	munn			-
OF OBSERVATIONS: 87D	:	S		13.6	33.1	36.3	14.0	2.2	•1	100.	
OF OBSERVATIONS:	•			:							
	V101		FOBSERVATI	ONS:	870						:
			:								
				: !			:				

STATION NUMBER: 912450 S DIRECTION 1-3 (DEGREES)					FROM HOURLY	OBSERV	ATIONS	מזיים סגרים	
DIRECTION 1-3 (DEGREES)	TATION	NAME: WA	WAKE ISLAND	0		á.	PERIOD OF RECORD: 77-86	77-86 L < 1) : 1800-2000	20.00
1-3				QNI	SPEED IN	:		•	• • • • • • • • • • • • •
	t 9-h	-10 1	11-16 1	ו או	12	34-40	41-47 48-55 GE 56	6 101AL 2	MEAN WIND
	1.6	1.7	2.5	1.6	. 1	•		7.5	11.9
RNE I •1	9•	1.6	2.4	2.7	• 5			7.9	14.2
NE I	1.0	3.5	5.7	3.0	•2			13.5	12.9
ENE I - J	1.4	4.8	3-6	4.1	1.0			19.0	13.4
	2.4	4.4	6.5	3.4	₽1)	1		17.6	12.3
CSE	2.6	2.9	1.3	.3		,		7.2	9 · tt
SE	9•	1-1	9.					2.4	8.3
388	5.	1.6		• 5				2.7	10.0
S .	٠.	2.4	9•	2.	.3			4.2	10.4
nss.	6•	6.	9•	.3				2.7	10.0
SW	• 5	1.1	8.					2.4	9.2
MSM	٠.	1.9	.1	£°	4			3.1	9.1
W	7.	80						1.6	h-9
ANX	-2	.,	r.					1.3	8.8
72	80	1.3	6 0	٠1				3.0	8.8
MNW	1.7	1.0	.3	.2				3.4	7.7
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•]		•	•	•		
CALM CALM		1111111						9.	111111
						•		001	4
IOTALS I.I.	16.8	51.8	2005	16.9	ç• <i>7</i>	7.		0.001	11.3

FERTOR OF MECROPY 17-86 15-100-2500 16-101 17-86 15-101-1500 17-86 15-101-1500 17-86 15-101-1500 17-86	STATIOH HUMBER: 912450 STATION LAME: WARE ISLAND URREGTION URREG	O DEATER	GEOBAL CLIMATOLOGY BRANCH ATAMETAC	PERCENTAGE	SE FREQUENCY	9	FROM HOU	OF SURFACE WIND DIRLY OBSERVATIONS	OCCURRENCE OF SURFACE NIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS	٥	
SINION NUMBER: 91245G STATON MANE: MANE SELAND UDIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 UDIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 UDIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 UNIVERSEES 11-4 2-5 3-5 3-1 1-5 3-5 3-5 1-1 -5 3-5 3-5 3-5 1-1 -5 3-5 3-5 3-5 3-5 3-5 3-5 3-5 3-5 3-5	SINION NUMBER: 912450 STATON KANE: MAKE ISLAND UDECCTION 1-3 4-6 7-10 11-16 17-21 2-27 28-33 3-4-0 UDECCTION 1-3 4-6 7-10 11-16 17-21 2-27 28-33 3-4-0 UDECCTION 1-3 4-6 7-10 11-16 17-21 2-27 28-33 3-4-0 UNE 1.4 4.0 6.8 2.9 6.6 UNE 1.4 4.0 6.8 2.9 6.6 ENE 2.2 2.6 2.5 .9 .1 .1 .1 ENE 2.3 2.6 2.5 .9 .1 .1 SE 3.6 2.9 6.1 .2 .3 .2 SSE 3.7 3 3.3 .1 UNB 4.8 6 .2 .3 .1 UNB 6.8 2.9 6.6 ILO 1.0 .1 .1 .1 UNB 7.7 7 .7 .5 .5 .7 UNB 1.1 1.0 .5 .5 UNB 1.1 1.1 1.0 .5 UNB 1.1 1.2 30.5 14.8 2.4 .1 .3 UNB 1.1 1.5 31.2 30.5 14.8 2.4 .1 .3 UNB 1.1 1.5 31.2 30.5 14.8 2.4 .1 .3		SERVICE/MAC					•			
INTEGRICAL 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 10.0	H		912450]	-	QX		PERI	00 OF RECORD: 77-86 TH: JAN HOURS(LST): 210	00-2300	
UNENCETION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 31-47 48-35 685 56 56 15 15 15 15 15 1	II	•		• • • • • • • • • • • • • • • • • • • •		ONIA	SPEED IN	:	•••••••••••••	•	
HE HE HE HE HE HE HE HE	HE HE HE HE 2.9 2.1 .6 .1 .5 .3 HE LE	DIRECTION (DEGRE ES)	1-3	7-10		17-21	22-27 28		50	L HE	NON
HINE	HIME			2.9	2.1	10	-	.3	•	7 1	2.0
KIC 1.4 4.0 6.5 2.9 .4 17.1 19.4 13.4 1	HE 1.4 4.0 6.8 2.9 .6 .1 19.4 19.	J.	•	-	2.3	1.1			5.		3.5
CME .2 1.5 4.4 7.7 4.6 .9 .1 10.4 13.4	F. 1.5 1.5 1.4 1.7 1.6 1.9	NC	1-4		6.8	2.9	9•		15.		2.7
FTSE	F.SC 2 2.6 5.2 7.3 3.3 .1 19.0	,	1		7.7	4.6	6.	•1	19.		3.4
.3 2.6 2.5 3.5 9.9 7.2.6 8.3 .9 1.2 .7 .7 .2 .3 .2 2.6 8.3 .9 1.6 .2 .3 .2 .3 .2 .3 .9 .9 .0 1.6 1.7 .3 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .4 .3 .4 .3 .4 .3 .4 .3 .4 .8 .4 .8 .4 .8 .4 .8 .4 .8 .4 .8 .4 .8 .4 .8 .4 .8 .6 .8 .9 .9 .8 .4 .8 .6 .8 .9 .9 .8 .4 .8 .6 .9 .8 .9 .9 .9 .8 .9 .9 .9 .9 .9 .9 .9 .9 .9	.3 2.6 2.5 .7 2.8 .3 1.4 .5 .3 .2 2.5 .9 1.6 .2 .3 .2 2.9 .9 1.4 .2 .9 2.9 .3 1.5 .5 .5 2.1 .6 .2 .2 .8 .3 .1 .7 .7 .5 .2 .8 .8 .11 1.0 .5 .2 .8 .8 .8 17.5 .31.2 30.5 14.6 2.4 .1 .8 17.5 .31.2 30.5 14.6 2.4 .1 .3 100.0			2	7.3	3.3	1.		19,	0	•
.9 11.2 .7 .3 1.4 .5 .3 .2 .5 10.5 .9 1.6 .2 .3 .2 .9 .9 .9 .3 1.5 .5 .5 .9 .2 .9	1.6 1.7 1.7 2.8 2.5 3 2.5 2.5 3.3	ŗse		2	6.				9	5	•
1.4 .5 .3 .2 .3 .2 .3 .3 .9 .9 .9 .9 .9 .9	1, 1, 4 1, 5 1, 3 2, 5 3, 1, 3 3	38	5		r.				2.	5 0	•
*9 1.6 2 3 2 3.3 9,9 *6 1.4 2 6 2 9 10.8<	.9 1.4 .2 .9 2.9 .3 1.5 .5 .3 .1 .9 .9 .3 .1 .8 .7 .7 .7 .5 .2 .8 !:1 1:0 .5 .2 .8 !:1 1:0 .5 .8 .8 .9 !:1 1:0 .5 .8 .9 .9 .9 .9 !:1 1:0 .5 .2 .8 .9 .9 .9 .9 .9 .9 .9 .8 .9 .9 .9 .9 .8 .9 .9 .8 .9 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .8 .9 .9 .9 .8 .9 .9 .9 .9 .9 <td< td=""><td>SSE</td><td>F* 8</td><td></td><td>s•</td><td>٠.</td><td></td><td></td><td>2.</td><td>2</td><td>0.5</td></td<>	SSE	F* 8		s•	٠.			2.	2	0.5
.6 1.4 .2 .8 2.9 10.8 1.3 9.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.7 1.6 1.7	1.0 1.0 .1 .1 .1 .2 .8 1.0 1.0 .1 .1 .1 .2 .2 .8 1.1 1.0 .2 .2 .8 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .8 1.1 1.0 .5 .2 .2 .2 .8 1.1 1.0 .5 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	s	5.		.2	.3	•2		3,	8	6.6
1.0 1.0 1.0 1.1 1.1 2.3 7.5 1.5	2.3 1.0 1.0 .1 .1 .1 .1 .2 .2 .8 1.1 1.0 .5 .2 .8 1.1 1.0 .5 .2 .8 1.1 1.0 .5 .2 .8 1.1 1.0 .5 .2 .8 1.1 1.0 .5 .2 .8 1.1 1.0 .5 .2 .8 1.1 1.0 .5 .8 1.1 1.0 .5 .8 1.1 1.0 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8	MSS)•	1	-2	•			2.		8.0
1.0 1.0 1.0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	1.0 1.0 1.0 .1 .1 .1 .8 .2 .8 .8 .8 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	AS			•5	.			2.		1.
.6 .3 .1 .8 .8 .8 .8 .8 .8 .8 .9 .9 .9 .9 .9 .9 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .9 .6 .8 .0 .9 .6 .8 .0 .9 .6 .8 .0 .9 .6 .8 .0 .9 .6 .8 .0 .9 .6 .8 .0 .9 .6 .8 .0 .9 .6 .8 .0 .0 .2 .6 .8 .0 <td< td=""><td>.6 .2 .8 .8 .3 .1 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8</td><td>BSM</td><td>1.0</td><td>7</td><td>•1</td><td>•1</td><td></td><td></td><td>2.</td><td>3</td><td>7.5</td></td<>	.6 .2 .8 .8 .3 .1 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8	BSM	1.0	7	•1	•1			2.	3	7.5
.6 .2 .2 .9 .6.4 1.1 1.0 .5 .2 .2 .2 .2 .2 .2 .2 .5 .5 .1 .2 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	1-1 1-0 -5 2-6 2-6	38	5.	•		•1			2.		
1.1 1.0 .5 2.0 9.6 1.1 1.0 .5 2.0 9.6 1.1 1.0 .5 2.6 8.0	1.1 1.0 .5 2.6 2.6 3.1.1 1.0 .5 2.6 3.1.2 30.5 14.8 2.4 .1 .3 100.0 1 0085ERVATIONS: 886	MIN									7
1.1 1.0 .5 2.6 8.0	1+1 1+0 .5 2.6	MN			• 5	-2			2.		9.6
######################################	######################################	BNN	101	1	•5				2.		0.0
.8 i7.5 31.2 30.5 I4.8 2.4 .1 .3 100.0 11.11 OBSERVATIONS: 886	.8 17.5 31.2 30.5 14.8 2.4 .1 .3 .3 100.0	VARÍÁBLE	- :							:	•
.8 i7.5 31.2 30.5 14.8 2.4 .1 .3 100.0 11.1 085ERVATIONS: 886	.8 17.5 31.2 30.5 14.8 2.4 .1 .3 .100.0 085ERVĀTĪONS: 886	CALM	iminimi	minnin.	munn	minn.	THE THE PARTY OF T			- `	111
OBSERVATIONS: 886	OBSERVATIONS: 886	TOTALS	*	1	30.5	14.8	2.4		100		:
OBSERVATIONS:	OBSERVATIONS:	1				• • • • • •					:
		TOTAL NUMBER	OBSERVATIONS	886							

AIR WEATHER SERVICE/MAC STATION NUMBER: 912450 S			Ľ	EQUENCY OF O	CCURRENCE OF FROM HOUR	F SURFACE LY OBSERV	. WIND DIRECTION ATIONS	VERSUS	WIND SPEED	
	/HAC									
Notabet	450 STATION	ION NAME:	WAKE ISLAND	ONI			PERIOD OF MONTH: J	RECORD:	77-86 LST): ALL	ا
_			•	EINC	SPEED IN	KNOTS	:			
	3 4-6	7-10	11-16	17-21	22-23		41-47	48-55 GE 56	6 TOTAL	MEAN
		5 2.3	2.2	8	.2	0	0	•	7.0	1111
NNE.	0	8. 1.B		1.5	• 5				7.5	13.0
NE	4	101 304	5.8	2.3					13.1	12.6
ENE	211.	1.5 4.5	7.1	3.4	1.3	.1			18.0	13.3
	.2 2.	2.5 5.0	6.8	3.3	.3	0.			18.0	11.9
rest.	1.	1.8 2.9	1.5	•2			*		9•9	80
	1-1	1. 2.1.	1.1	6.2					4 - 1	•
SSE	1	9-1 1-6	8	•3					3.6	10.0
	10	1.8	1.0	• 3	•1				4.3	10.0
SSW	0.	6 101	9•	•3					2.6	10.1
SW	0.	.6 1.2		••					2.6	6
#S#	0.	.7 1.1	#	•1					2.3	80
	1.	1.0 1.0	•3	0.					2.4	7
A.X	10	• • • 5	•	0.					1.3	-
MM	-	8. 7.	• 5	•2					2.4	80
MNN		9. 1.0	\$•	•2	0.				2.7	80
VARIABLE										
CALM 111111	minni.	Manda Company	mminn	,,,,,,,,,	<i>minim</i>	mmmm	mmm		// 1.3	111111
ALS !	1.5 16.5	.5 32.0	32.4	13.3	2.9	1.	0.		100.0	11.1
						•	•	•	•	
TOTAL NUMBER OF OBSERVATIONS:	ERVATIONS	6678								

	USAFETAC AIR WEATHER SERVICE/MAC	ANCH	PLECENTAGE	- KE		OCCURENCE OF SURFACE MIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS	OBSERVAT	ND DIRECTORS	TION VERS	ONIM SO	SPEED	
STATION NUMBER: 912450	3ER = 91245	·N	TATION NAME: 4	WAKE ISLA	SLAND			PERIOD O	PERIOD OF RECORD: Honth: Feb Ho	D: 77-86 HOURS (LST):	16 0000-0200	200
		•			MIND	WIND SPEED IN KNOTS	Š.					•
UINECTION (DEGREES)	V 1 1-3	9-11	7-10	11-16	17-21	22-27 28-33	1 1	41-47	in i	GE 56	TOTAL	MEAN
2	_	6-	2.1	6.		•••••••		• • • • • • • • • • • • • • • • • • • •			3.9 . 8.6	8.6
MNE		E.	1.8	3.2	6.	•1					6.2	12.9
tie.		1.1	3.7	4.8	1.9	•1					11.6	12.2
ENE		4 3.7	6.8	8	3.2						23.6	11.7
u l		6•9	7.6	4.2	6.	*					20.5	9.0
rse		.4 3.0	2.4	6.							6.7	7.1
ĵs		1.6	6•	1.5							0.4	8.9
SSE		1 .8	1.6	1.4	.1						0.4	7.6
\$.		3 101	2.1	1.5	.3		1				5.3	9.2
ASS		\$	1.4	•	.3						2.3	9.2
MS		٤٠	1.3	1.							1.6	8.6
MSM		1 .5									9•	5.4
33	<u> </u>	3 .3	7.	6.				-			1.8	4.6
MNA		5.	6.	.3							1.6	8.8
3 2		. 3	• 3								S.	6.3
BNS		\$	9.	5.							1.6	8.5
VAKIABLE												
САГИ			Thursday.	minni	minni	Manne de la company de la comp	minni	HHHHH	minni	111111	0.4	1111111
TOTALS	2.0	0 22.2	33.8	29.0	7.4	1.4					150.0	4.4
						• • • • • • • • • • • • • • • • • • • •					•••••	•
TOTAL NUMBER	OF	OBSERVATIONS:	79.2	1		,						
1	Boyens, calls allow a state of a state of the state of th											
				4								

1	ئىمقىد ەت ا	ئىقىقۇغىقىڭ -				320.61 -	100 j	گاھائے۔ ا	 - -	<u> </u>	1 	**************************************	<u> </u>	ئانىمىدا 	د تشدها 		ئىــندا ا	1	، وقائد 	المتعدد 	. کیسک 	. : . 	آئے۔ ا		- -		<u>المُحُمُّاتُ</u>
		-05:00		HEAN	8.9	13.2	11.3	1101	9.1	5.8	7.3	7.8	8.7	9.1	8.0	6.3	6.9	8.3	11.9	12.6		,,,,,,			• • • • • • • • • • • • • • • • • • • •		
SPEED		0300		T01AL *	3.8	7.7	13.7	21.2	20.1	9.6	2.3	2.8	5.0	3.5	1.8	37	2.0	1.0	1.3			0.1	•	100.0			
ONIA		D: 77-86 HOURS(LST):	•	26																		,,,,,			• • • • •		
N VERSUS		JF RECORD: Feb Hou		8-55 GE																		,,,,,,,			• • • • • • •		
HIND DIRECTION		اب د ا		41-47 48																					•••••		
E HIND (PERIOD MONTH																									
SURFACE Y OBSERV				3 34-40																							
OCCURRENCE OF FROM HOURLY			ED IN KNOTS	7 28-3	•	-	3	.3	.1															6.	•		
			WIND SPEED		1	9.	6.	1 6.	0.				n						m					.2 1	•		
FREQUENCY OF		ISTAND	3	17-21		1.	-	1.	1			ه.	0						•					3 7.			
NGE FREG		WAKE IS		11-16	1.0	3.4	37	7.1	. H			٦	1.		•		٠		•	•				25.			
P ERCENTAGE		NAME:		7-10	1.8	2.3	5.0	4.8	9.5	2.6	1.8	6.	2.5	1.6	1.2	• 3	4.		• 6				1111111	35.9		685	
1		STATION		4-6	6	.3	9.1	5.1	4.5	2.0	9•	1.2	6•	۲۰	4	•	1.0	• 3						22.8		TIONS:	-
GY BRANC	I CE / MAC	912450		1-3			4	•	6.	1.2		• 1					•1				•••••••	***************************************		3.1		OBSERVATIONS	
IMATOLO	IER SERV		· i~	TON	-															 -	- :	;		 S			i
GLOBAL CLIMATOLOGY BRANCH	IR WEATH	STATION NUMBER:		DIRECTION	: :	NNE	Ju L	ENE	1	ESE	SE	SSE	s	HSS.	ИS	MSM	3	KNA	2	Z		VARI	CALM	TÔTALS		TOTAL NUMBER OF	
: - - - -	A	-	!		•	y yearst agrant	į	,		,										-	•	į				1	•
			1							*		-					Market Special Control of Control										

Color Colo										
11 2.1 4.5 1.0 11.16 17.21 22.27 28-33 34-40 41.47 48-55 6E 55 101.4 1. 3 2.2 3.7 1.2 .1 7.2 1. 1 2.1 4.5 4.8 1.6 .5 .5 .5 14.2 1. 2.1 4.5 4.8 1.6 .5 .5 .5 14.2 1. 2.1 4.5 4.8 1.6 .5 .5 .5 14.2 1. 3 2.2 3.7 1.2 .1 3.8 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	DIPECTION 1-3 4- (DEGREES) 1-3 4- (DEGREES) 1 N N N E E E E E S S S S S S S S	AME:				PERIOD MONTH:	OF RECORD FEB H	: 77-86 OURS (LST):	0-0090	800
1	NNE 11 ENE 7 ESE SSE SSW	7-10	16	• 11	•	74-14 O4-47	48-55	GE 56	TOTAL	HEAN
1	NNE 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•							*	MIND
11 2.1 4.5 4.0 1.6 .5 .5 1142 12 1 2.1 4.5 4.0 1.6 .5 .5 1143 13 4 6.7 7.1 2.6 .0 10 11.3 14 4.2 4.0 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	NNE **1 **1 **1 **ENE *** **ENE ** **ENE *	1.4		=						9.6
14.2 2.1 4.5 4.6 1.6 .5 .5 14.2 21.4	ESE SSE		3.7		•1				7.7	12.9
11-3 3-4 6-7 7-1 2-6 -8 17-3 17-3	ESE SE			1.6	5				₹	12.2
.4 4.2 4.0 .4 .4 .4 .5 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	ESE • 4 SE		7.1	2.6	80.				21.4	11.1
.4 4.2 4.0 .4 9.0 6 9.0 6 9.0 6 9.0 6 3.4 8 3.4 8 3.4 8 3.6 9.0 6 9.0 6 9.0 6 9.0 6 9.0 6 9.0	SE - • 4 - SE - SSE - SS		4.8	*					17.3	•
1.1 2.5 1.5 .4 3.4 1.1 2.5 1.5 .4 3.1 2.	SSE SSE SSW	-2	7.	,					9.0	6.8
1,1 2,5 1,5 .4 5,5 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,3 3,5			80						3.4	8.9
13.1 2.5 1.5 .4 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3			1.1	•1					3.6	•
3.3	NSS	.1 2	1.5	*					5.5	• [
.1 .3 .7 .3 .4 .4 .1 .1.0 .1 .1 .1.0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	Value and the space of the spac		• 5						3.3	8.6
.1 .3 .7 .3 .4 .4 .1 .1 .3 .4 .1 .1 .2 .3 .7 .3 .4 .4 .1 .1 .2 .5 .7 .4 .4 .1 .5 .5 .7 .1 .8 .4 .4 .1 .5 .5 .7 .1 .8 .4 .1 .0 .0 .4 .1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	AS.		•1						1.8	•
.1 .3 .7 .3 .4 .4 .4 .5 .7 .1 .5 .5 .7 .1.0 .1.0 .1.0 .1 .5 .5 .5 .5 .5 .7 .1.0 .1.0 .1.0 .1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	ASA	7	1.						1.0	7.3
.1 .3 .1 .5 .7 1.00 .3 .1 .5 .1 1.0 1.00 1.0 .2 .2 .5 .7 1.00 1.0 .2 .2 .5 .5 1.00 1.0 .2 .2 .5 .5 1.00 1.0 .2 .2 .5 .5 1.00 1.0 .2 .2 .5 .5 1.00 1.0 .2 .2 .2 .5 .5 1.00 1.0 .2 .2 .2 .2 .5 .5 1.00 1.0 .2 .2 .2 .2 .2 .2 .5 1.00 1.0 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	23		.3						1.2	•
.3 .1 .5 .7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	ANA	•							7.	•
1.0	AN	5	.7						1.8	• 1
1.4 20.8 37.4 28.2 6.6 1.5 .5 OF OBSERVATIONS: 730	NNN		• 5						1.0	9.7
//////////////////////////////////////			•			•		0 0 0		
1.4 20.8 37.4 28.2 6.6 1.5 .5 OF OBSERVATIONS: 73G		minninini		nunni		minninini.	minnin	mmi	-	111111
OF OBSERVATIONS: 75G	, †•1	1	28.2	9.9					100.0	4.6
OF OBSERVATIONS:					:					
	0F									
	•	THE STREET								

STATION NUMBER: 912450 STATION NAME: WAKE DIRECTION NUME SE SE SSE WSW WSW WNW NIME STATION NAME: WAKE 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.	
DIRECTION 1-3 4-6 7-10 11-1 (OFGREES)	PERIOD OF RECORD: 77-86 MONIH: FEB HOURS(LST): 0900-1100
OEGREES 1-3	
NNE	34-40 41-47 48-55 GE 56 TOTAL MEAN
NNE	3.9
FINE 1.0 6.8 9 FINE 1.0 6.8 9 FINE 2.1 8.2 7 FINE 3.6 5 SE 8 8 3.6 3.6 SE 8 8 3.6 SE 8 8 3.6 SE 8 8 9 WNW 9 9 98 WNW	6.6 11.8
E	.3 13.8 13.3
FYSE	21.3 12.4
SSE	19.5 10.8
SSE	6.7 9.7
SSW	5.3 8.6
SSW	3.2 10.8
SSW	8.6 0.8
WSW WSW WNW WNW WRIABLE CALM TOTALS WSSW SAW SAW SAW SAW SAW SAW	3.4 11.0
WSW	1.5 9.3
WNW .1 .3 NW .4 .4 NNW .4 .4 VARIABLE .4 .4	0.01 8.
NN	1.8 7.2
NNW .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	0.7 %.
VIRIABLE	1.4 9.4
VARIABLE CALM ///////////////////////////////////	1.7 10.4
TOTALS .9 11.5 38.4 38	
TOTALS .9 11.5 38.4 38.3 8.1 1.7	111111 6. 11111111111111111111111111111
	.3 100.0 10.9
TOTAL NUMBER OF OBSERVATIONS: 776	

GLOBAL CLIMATOLOGY BRAN USAFETAC AIR WEATHER SERVICE/MAC	LOGY BRANCH		P L S C L N L N D L			FROM HOURLY	LY OBSERVATIONS			
STATION NUMBER:		STATION NAME:	- !	WAKE ISLA	ONI		PERIDD HONTH:	OF RECORD: FEB HOURS(77-86 LST): 1200-1400	14.00
:-	•	•			ONIA	SPEED I		• • • • • • • • • •		• • • • • • •
DIRECTION ((DEGRECS) 1		9-4	1-10	11-16	17-21	22-27 28-33	33 34-40 41-41	7 48-55 GE 56	TOTAL	MEAN WIND
2		3	2.5	1.3		• • • • • • • • • • • • • • • • • • • •	•••••	••••••	4.2	6.5
RNE		r.	1.5	2.2	1.1				5.2	12.6
N U		6.	4.3	6.7	2.5	9.			15.1	12.9
ENE	***************************************	1.3	5.2	7.2	2.3	1.1			17.1	12.7
		1.4	7.2	8.9	1.1	7.	•		19.0	11.5
383		7.	3.5	2.2	•				6.2	10.2
ָ .		9.	3.2	2.3					6.1	7.6
SSE		1.4	2.9	1.4	•1				5.8	9.0
s		1.8	3.0	2.2	7.	•1			7.5	10.0
ASS		1-1	1-1	8	• 5				3.5	10.3
NS.		1:1	\$.	. 40					2.4	8 • 3
ASA		۴.	9•	9•					1.5	10.8
	1		1.0	• 5					1.5	10.0
ENE	•1	.1	8	•3				,	1.3	8.0
NN I			• 1	• 5					80	10.0
***************************************	s 5 \$	7.	1.0	1:1					2.5	9.8
VAŘIĂBĹE										
כערא	inniniiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	1111111	mini	minin		nnnnnn		mmmmm.	.3	min
TOTALS	, •	11.5	38.7	38.8	8.2	2.3			0-001	11.2

USAFEIAC AIR KEATHER SE	SLOGAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC	PERCENTAGE	FREQUE	NCY OF	CURRENCE OF FROM HOURL	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	TION VERSUS WIND	SPEED	
STATICN NUMBER: 912450	2: 912450 STATI	STATION NAME:	WAKE ISLA	ON		PERION 0	ERIOJ OF RECORD: 77-86 HOMIN: FEB HOUDS (LSI):	77-86	200
				2	SPEED IN KNOTS				•
DIRECTION (OFGRECS)	1-3 4-6	7-10	11-16	17-21 22	2-27 28-33	3 34-40 41-47	48-55 GE 56	T0TAL \$	MEAN WIND
22		5	2.9 1.9	.3	.1	•		5.7	10.6
NNE		.5 1.4	2.0	1.3				5.4	12.6
NC		5.5	5.6	1.8	• 5	.3		14.2	12.6
LINE	,	1.9 5.7	9.6	3.3	6.			21.4	12.7
u)	1 • 1	1 6.1	7.1	1.5	.3			16.2	11.3
LSE		·8 2.9	2.3					0.9	9.8
			1+8					5.0	7.6
385	1	-3 2.0	1.1					5.0	8.0
8	.3	1.3 3.4	2.2	•1				7.3	0.6
SSW	1	1.0 1.3	1.0	*,				3.7	10.2
A'S.		.6 .3	80	•3			*	1.9	10.5
NSM	-	# · 0 ·	9•	•1				2.2	9.1
32		4.	5					1.7	7.8
MNA		•5 •9						1.4	8.0
NN		. 1	• 5					1.0	10.4
NNN		•3 •6	6.					1.8	10.7
i o v i o v i	•							***	• • • • • •
7704744									,,,,,,
TOTALS	13.8	36.5	38.0	9-1	1.8	.3			1101
ER	· 'L	784						- 1	
	Berger spiriture accounting	feddirection and a state of the second state o							

RECORD: 77-86 B HOURS(LST): 1800-20 B-55 GE 56 TOTAL
F RECORD: 77-86 FEB HOURS(LST): 1800-2000
48-55 GE 56 TOTAL HEAN
8-55 GE 56 TOTAL *
5-1 9-8
5.2 10.9
13.7 13.1
25.6 11.8
16.0 10.2
6.3 8.3
5.1 8.4
3.3 7.6
5.4 9.1
2.9 10.3
2.0 7.8
.8 10•3
2.8 9.4
1.3 7.7
1.3 6.0
2.4 9.4
THE S. THE PROPERTY OF THE SECOND SEC
100.001

ä -	USAFETAC AIR WEATHER SERVICE/MAC	1			FROM HOURLY OBSERVATIONS	TIONS	
DIRECTION	912450 STATION NAME:	1 1	WAKE ISLAND	Ω,		77-86 (LST):	2100-2300
L			:	ONIE	WIND SPEED IN KNOTS		• • • • • • •
(DEGREES)	1-3 4-6	7-10	11-16 1	7-21 2	2-27 28-33 34-40	41-47 48-55 GE 56	TOTAL MEAN T LIND
_	. 1 1-5	1.8	1.9	.3	.3	•••••••••••••	5.8 10,1
RNE	9•	1.3	1.9	7	## *		4.3 11.6
NE	1.8	3.7	7.0	2.5	• 1		15.1 12.
ENE	.3 3.9	8.1	8.9	2.8	80		24.7 11.4
 	.3 5.3	7.7	4 - 1	1.9	.3		19.5
353	•1 3•0	2.7	6.				6.7 7.3
SE	9•	1.5	1.3				3.4
SSE	•1 1•3	3.	1.0				2.8
- S	.3 101	2.7	1.0	•3	: :		5.3
SSW		1.6	88				2.5 9.4
SW	•1		.3				4.
MSM	.1.	•1					0.9 4.
33	6.	1.0	9•		•1		2.7
ANE	• 1 • 5		*				1.1
NN N	7.	• 5	.3				1.1
NNA		• 5	9.	•1			1.6 10.3
VARIAGLE	•						
CALM	HILLIANIE INT.	mmin	mmm	minn.	Manne Ma	THE	2.4 111111
TOTALS	1.4 21.8	33.7	30.8	8.2	1.6		100.00 10.1
C G C IN STANCE		300					
ייסיי		187					

STATION NUMBER: 9:2450 STATION DIRECTION (DEGREES) N NNF NNF NE NNF NE			FROM MOUNLY UBSERV	FROM HOURLY OBSERVATIONS		
OIRECTION 3 (OEGREES) N O O	STATION NAME: WAKE	ISLAND		PERIOD OF RECORD: 77-86 HONTH: FEB HOURS (LSI):	ALL	
OEGREES) 4-6 (OEGREES) N N 0		ONIA	SPEED I	•••••••		
N N N N N N N N N N N N N N N N N N N	91-11 01-1	16 17-21 2	2-27 2	41-47 48-55 GE 56	¥ ,	HEAN
NNF 1	.9 2.0	1.5 .1	0.		4.6	9.5
	1.7	2.7 1.0			6.0	12.4
	1.2 4.2	5.8 2.1			13.9	12.5
ENE 222	2.9 6.5	8.8 2.7	6.		22.1	11.8
F3	7.5	5.6 1.2	•2		18.5	10.1
	2.3 3.1	1.3 .0			7.0	8.0
SE	.9 2.3	1.2 .0			7. 1	9.0
SSE -1 1	1.1 1.6	.9			3.8	8.8
S	1.2 2.8	1.7 .2	0.		6.2	4.6
nss	.7 1.4	.9 .2	0.		3.1	9.8
O* MS	.5	0.			1.7	8.6
KSW.	•3 •3	.2 .0			1.0	8.8
0 3	r. r.	.5 .0	0.		1.9	8.5
DVN	•3 •6	•1			1.1	8.0
nn nu	. 4	D. 4			1.1	9.0
ENN	9. 4.	٠٠ ٠٥			1.7	6.6
VARIABLE						
CALM TITTITITI			mmmmmmmm	THE THEORY OF THE PROPERTY OF	// 0.5	min
TOTALS 1.3 1.7	17.9 36.3 32	32.8 7.9	1.8 .1		100.0	10.3
	•	•				
TOTAL NUMBER OF OBSERVATIONS	S: 6126					

DINCETTON 1-3 4-6 7-10 11-16 17-21 22-27 28-33 33-40 41-47 48-55 GE 56 10AL 18 18 18 18 18 18 18 1	STATION NUMBER:	STATION NUMBER: 912450 STATION	NAME:	WAKE ISLAND	0,		PERIOD 0	F RECOR	77-86	0000-0000	
COURTEST	•				ON IS	SPEED IN KNOTS					
Fig.	OIRECTION (DEGRE FS)		7-10		2.1	22-27 28-33		48-55	26		IND
HINE 1.6 1.5	2	10	5.	1.1	.2	2*		•	2	2	13.6
FIGE 1.0 1.0 6.0 3.5 6.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 3.3 6.2 3.3 6.2 3.3 6.2 3.3 6.2 3.3 6.2 3.3 6.2 3.3 6.2 3.3 6.3			•2	1.5	1.5	.3				1.	5.0
FUE 1 1.6 6.0 13.6 6.3 3.3 .2 .2 .2 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	NE	1.8	1.7	3.9	2.7	. 0.			11	1.2	• 1
FSE	1	1	0.9	13.6	•	.3			33	7	14.7
SSE			7.4	11.1	*				27		12.1
SSE -1 -9 1.0 -2 -1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	. rse		2.6	7.	• 1				ž	7-5	7.6
SSY	35		1.0	.2		•1			2	5.5	8.8
SSW -1 -8 -9 1-0 -2 -6 -6 6 8 1-0 -6 8 8 1-0 -6 8 8 1-0 -6 8 8 1-0 -6 8 8 1-0 -6 8 1	SSE	•	•2	\$					1	9•1	
SSW -1	1		6.	1.0	.2				М	5.1	10.1
ESU	MSS		6.3	•2						9.0	
W W W W W W W W W W	MS	6.	• 1						1	0.1	5.2
W		7.		.3	•1	•2				.7	6-1
1.1 .6 .1 .1 .9 .6 .1 .1 .9 .6 .1 .1 .9 .6 .1 .1 .1 .9 .6 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1				•1					1	1.2	
1.6 16.0 22.2 34.7 17.7 5.7 .6 120.0 12	ANA		.3							•	•
7/////////////////////////////////////	N.C.		• 1							6.	9
1.8 16.0 22.2 34.7 17.7 5.7 .6 10.00.0 12. 11.11 F OBSERVATIONS: 881	f	2.	6.3	.3						6.	8.8
1.8 16.0 22.2 34.7 17.7 5.7 .6 .100.0 12. F OBSERVATIONS: 881	0,000					•	•		•	***	
1.8 16.0 22.2 34.7 17.7 5.7 .6 100.0 12.	VARIABLE		'								
1 1.8 16.0 22.2 34.7 17.7 5.7 .6 100.0 12.		111111111111111111111111111111111111111	11111111	,,,,,,,,,,				,,,,,,,,,,,,,,,	-	7	!
OF OBSERVATIONS: RB1		!	22.2	34.7					100		12.3
OF OBSERVATIONS:											:
		OBSERVATIONS	881								
	1	region agent adoptions in the second second second	Professional Association of the profession of the land								

STATION NUMBER: DIRECTION ODEGREES) NAME	912450 STATION 1-3 4-6		- 1						
DIRECTION DIRECTION N	1-3 4-6		HAKE ISLAND	Q			PERIOD OF RECORD: MONTH: MAR HOU	77-86 RS(LST):	0300-0500
	1-3 4-6	•	•	WIND SPEED	SPEED IN KNOTS				
:		7-10 1	11-16 1	17-21 2	-2-27 28-	33 34-40	40 41-47 48-55	5 6E 56 TOTAL	MEAN
NNE	9	3	1.5	.3	.3	•	• • • • • • • • • • • • • • • • • • • •	3.1	13,3
	۲۰	1.3	1.5	1.4	•1			5.1	13.3
NE	1.8	1.7	5.5	2.8	1.7			13.5	14-4
FNE	2.7	5.5	15.5	7.3	2.1	.1	•	33.9	14.1
w ·	.1 2.4	6.3	10.5	2.5	.3			22.2	11.7
ESE	.6 2.5	2.3	8					2*9	7.2
SE	.3 .7	1.5	1.0	•1		.1		3.8	9.6
SSE	.1 .7	.7	•3		•1			2.0	8.4
8	101	9•	.7	• 3				2.7	h•6
HSS.	9.	.3	•	.3				1.5	10.2
ns .	• 1	9.						T.	7.2
MSM	• 1	1.				•1		寸 •	15.0
3	*	.3		.1	.1			1.	12.8
ANA	9.							9•	5.5
32		.3	.1					9.	8.3
BNN	the state of the s	5	-					9•	9.8
VARIABLE								•	
CALM 1/1	inition in the international in the international in the international i	THILLINI.		minni.	<i>HILLIANI</i>	minni.	Managaran da	2.5	inni
TOTALS	1.1 14.9	22.2	38.1	15.2	5.3	7.	•1	100.0	12.1
TOTAL NUMBER OF	OBSERVATIONS:	711					•		5
	1								
1		Series Schools by the series of the s							

AIR WEATHER SERVICE/HAC STATION NUMBER: 912450 STATION NAME: WAKE I DIRECTION	15LAND WIND WIND 16 17-21 2 2.9 1.3 2.0 4.8 2.7 2.1 9.0 1.6 3.1 1.5 .1 2.7	PERIOD OF RECORNIN MAR IN KNOTS 28-33 34-40 41-47 48-55 -1	10: 77-86 HOURS (LST): D600-0800 GE 56 TOTAL MEAN 1.7 13.9 5.3 14.6 5.3 14.6 26.2 11.6 7.6 7.8
STATION NUMBER: 912450 STATION NAME: WAK DIRECTION	1 SLAND 16 17- 1 . 3 1 . 3 1 . 6 1 . 6 1 . 5 1 . 5	PERIOD OF RECORNIN MAR IN KNOTS 28-33 34-40 41-47 48-55 .1 .2	0RS (LST): 0600-08 6E 56 T01AL 1.7 12.3 12.3 26.2 7.6
DIRECTION 1-3 4-6 7-10 11 (DEGREES) NME RE FNE ESE SE SSW SW SW SW SW SW SW	11	IN KNOTS 28-33 33-40 41-47 481 .1	6E 56 TOTAL 1.7 1.7 12.3 30.9 26.2 7.6
DIRECTION 1-3 4-6 7-10 11 (DEGREES) N NNE NE FNE E E C SE SSE SSE SSE SSE SSE	1 2 6 8 3 6 6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	28-33 34-40	6E 56 TOTAL 1.7 1.7 5.3 12.3 30.9 7.6
N	.3 2.0 .8 2.7 .1 9.0 .6 3.1 .5 .1	2 01 1.0 2.4 0.1 0.1	1.7 12.3 30.9 26.2 7.6
NNE .2 1.3 NE .2 1.1 2.6 FNE .2 1.1 2.6 ESE .6 2.3 3.1 SE .6 2.3 3.1 SE .1.0 SSE .2 .5 1.0 SSW .1 1.7 .6 SW .1 1.7 .6 SW .1 1.7 .6	2 8 2 2 3 5 7 2 6 3 6 9	10	
FNE	8 1 9 5 C 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	•1	
E	5 2 2	•1	
ESE6 2.3 3.1 SE 1.1 1.1 SSF9 8.4 SSF9 6.4 SSF9 6.4	2 1 5	1.	1 6 2
SSW	2 2 6		.1 9
SSF			.1
SSH 10.7		• 2	
SSW - 107			2.2 11.1
SSW			3.3 8.0
5	.2 .1		1.6 9.0
	.1 .2		1.2 9.7
WSW .1 .2	• 1		.5 10.3
	• 1		0.8 9.
3 2 3		• 1	8*6 5*
ия	.2	_	•5 12•0
NHW	• 5		1.1 9.4
VARIABLE I			
CALM TITTLETTETTETTETTETTETTETTETTETTETTETTETTE	,,,,,,,,,,,,,,,,,	Marin	111111 1.5 111111
TOTALS 1.2 14.1 25.9 3	35.2 17.4	4.3 .2 .2	100.0 12.2
	•		•
TOTAL NUMBER OF OBSERVATIONS: 818			

NI NI NI NI NI NI NI NI		### TATION NAME: WAKE ISLAND ####################################	AIR WEATHER SERVICE/MAC STATION NUMBER: 912450 STATION	r cheen hoe	וארפטרווי	1	ROM HOURLY OF	FROM HOURLY OBSERVATIONS	CITON VERSUS WIND	31.55.0	
NUMBER : 912450 STATION NAME : WAME ISLAND 1	NUMBER 0 FORERRATIONS: 848	NUMBER 15 912450 STATION NAME: WARE 19LAND NUMBER OF OBSERVATIONS: 848	NUMBER: 912450								
N	1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 1-3 2-7 2-8 3-2 1-3 1-3 2-7 2-8 3-2 1-3 1-3 2-7 2-8 3-2 1-3 1-3 2-7 2-8 3-2 2-0 1-3 2-4 2-0 2-6 3-2 1-3 2-4 2-0 3-6 3-1 1-3 3-2 3-8 1-3 3-2 3-8 1-3 3-2 3-8 1-3 3-2 3-8 1-3 3-2 3-4 1-3 3-2 3-4 1-3 3-2 3-4 1-3 3-2 3-4 1-3 3-2 3-4 1-3 3-2 3-4 1-3 3-2 3-4 1-3 3-5 1-3 1-3 3-5 1-3	1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40			ISLAN			PERIOD Month:	OF RECORD: 77- MAR MOURS(LST	-86 T): 0900-1	100
N	1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E-56	1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-00 41-17 48-55 6E-56 1		•		AS ONIA	EED IN KNOTS	•••••	• • • • • • • • • • • • •	• • • • • • • •	•
NI 1 1.1 .8 .7 .2 .1 .1 RME .2 .9 1.9 .8 .6 .1 .1 HE .1 .2 .9 1.9 .8 .6 .1 .1 F .1 .7 2.6 12.9 9.2 2.0 .1 S .1 .9 .4 15.0 6.4 .2 .1 SSF .1 .9 .9 .1 .1 .1 .1 SSW .1 .1 .5 .7 .4 .1 .1 .5 .4 WW .1 .5 .1 .2 .4 .1 .2 .4 WW .1 .5 .1 .2 .2 .4 .4 .1 .5 .1 .4 .4 .1 .2 .1 .4 .4 .2 .4 .1 .4 .2 .4 .4 <th< th=""><th>1. 2</th><th>1.3 2.7 5.8 3.2 1.3 1.3 2.7 5.8 3.2 1.3 1.3 2.7 5.8 3.2 1.3 1.3 2.7 5.8 3.2 1.3 1.4 2.6 12.9 9.2 2.0 1.5 2.0 3.2 8 3.1 1.6 2.0 3.2 8 3.1 1.7 2.0 3.2 8 3.1 1.7 3.5 3.7 3.4 1.9 3.6 3.1 1.9 3.7 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.8 3.1 1.9 3.8 3.8 3.8 3.1 1.9 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8</th><th>1-3</th><th>-10</th><th>1</th><th>-21 22</th><th>-27 28-33</th><th></th><th>GE 56</th><th>TOTAL</th><th>MEAN</th></th<>	1. 2	1.3 2.7 5.8 3.2 1.3 1.3 2.7 5.8 3.2 1.3 1.3 2.7 5.8 3.2 1.3 1.3 2.7 5.8 3.2 1.3 1.4 2.6 12.9 9.2 2.0 1.5 2.0 3.2 8 3.1 1.6 2.0 3.2 8 3.1 1.7 2.0 3.2 8 3.1 1.7 3.5 3.7 3.4 1.9 3.6 3.1 1.9 3.7 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.1 1.9 3.8 3.8 3.1 1.9 3.8 3.8 3.8 3.1 1.9 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	1-3	-10	1	-21 22	-27 28-33		GE 56	TOTAL	MEAN
FIRE 1.3 2.7 5.8 3.2 1.3 FIRE 1.3 2.7 5.8 3.2 2.0 FIRE 1.3 2.4 2.0 3.4 2.0 FIRE 1.3 2.0 3.2 3.4 FIRE 1.3 2.0 3.2 3.4 FIRE 1.3 2.3 3.1 3.2 3.1 FIRE 1.3 2.3 3.1 4.2 3.1 3.2 FIRE 1.3 2.4 3.2 3.1 4.2 3.1 3.2 FIRE 1.3 3.2 3.1 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	1.3 2.7 5.8 3.2 1.3 14.0 14.3 14.0	1.3 2.7 5.6 3.2 1.3 1.3 2.7 5.6 3.2 1.3 1.1 2.6 12.9 9.2 2.0 1.1 2.6 2.0 .6 .2 1.2 3.2 3.6 .1 1.3 3.2 3.6 .1 1.1 5.5 .7 1.1 5.5 .7 1.1 5.5 .1 1.2 2.2 3.1 1.3 2.2 42.3 21.1 4.2 -1 -2 1.4 2.2 42.8 1.5 2.7 488	N	8.	. 7	.2	.1 .1	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	3.2	10.2
FIRE L. 1. 7 2.6 12.9 9.2 2.0 L. 1. 7 2.6 12.9 9.2 2.0 ESE	1.3 2.7 5.8 3.2 1.3 14.3 14.0 15.0 1.3 14.0 15.0 15.0 13.0	11.3 2.7 5.6 3.2 1.3 21		6•	1.9	8.	••			S. 2	14.4
FNE	1	1 2.0 3.2 2.0 1 3.4 2.0 6.4 .2 1 1.4 2.0 .9 1 2.0 3.2 .8 1 2.0 3.2 .4 1 3.5 .2 .4 1 1.5 .1 1 2. 2 .2 .4 1 3.5 .2 .4 1 3.5 .2 .4 1 3.6 .1 1 5. 1 1 5. 1 1 6. 8.9 22.2 42.3 21.1 4.2 .1 .2 .1		2.1	5.8	3.2	1+3			14.3	14.0
ESE	1 1 1 1 1 1 1 1 1 1	1		9•	12.9	9.2	2.0			•	
SSE	1, 2, 4, 2, 0, 6, 6, 1, 3, 6, 1, 3, 6, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8,	11. 4 2.0 .9 .6 .1 12. 9 .8 .1 13. 2.0 3.2 .8 .1 14. 157 157 1 .5 .2 .4 1 .5 .2 .4 1 .5 .1 1 .5 .1 1 .5 .1 1 .5 .1 2 .2 .1 3 .2 .2 .1 3 .2 .2 .1 4 .2 .1 .2 .1 5 .1 6 .1 7 .1 .1 .2 .2 .2 .1 7 .1 .1 .1 .1 7 .1 .1 .2 .2 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .2 .2 .1 7 .1 .1 .1 .1 7 .1 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7 .1 .1 .1 7	-	ਬ ਬ	15.0	h-9	•2			26.9	13.8
SSE .1 .4 2.0 .9 .1 .1 .1 .8 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .4 .1 .1 .1 .2 .4 .1 .1 .2 .4 .1 .1 .2 .4 .2 .4 <	1 2.0 3.2 .9 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.1 .4 2.0 .9 .8 .1 .1 .1 .2 .2 .4 .1 .1 .5 .7 .1 .1 .5 .7 .411 .5 .741		2.4	2.0	•6		• 1		5.8	11.2
SSE 1.2 0 3.2 8 .1 .1 .1 .1 .5 .7 SSW .1 .1 .5 .7 .4 .1 .5 .7 WSW .1 .5 .1 .5 .1 .2 .4 WWW .1 .5 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2	1,2 2,0 3,2 3,8 1 1,1 6,2 8,5 8,5 1,2	1.2 .9 .8 .1 .1 .1 .5 .7 .4 .1 .1 .2 .2 .4 .1 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2 .2 .1 .2	• 1	2.0	6.					3.4	9.3
SSH	1 2.0 3.2 3.8 3.1 6.2 8.5 3.8 3.1 3.8	1 2.0 3.2 .8 .1 .1 .1 .5 .7 .41 .5 .1 .2 .42 .42 .41 .2 .2 .121212121212121			80			•1		3.1	9.8
SSW .1 .5 .7 .4 SSW SSW .1 .5 .2 .4 SSW SSW .1 .5 .2 .4 SSW SSW .1 .5 .1 .2 SSW	1. 1. 5. 2. 4 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	.1 .5 .2 .4 .1 .5 .2 .4 .1 .5 .1 .1 .5 .1 .1 .2 .2 .2 .1 .2 .1 .2 .2 .1 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1 .1 .2 .2 .1		3.2	8.				. 1	6.2	•
NW .1 .5 .1 .2 NW .2	1.5	.1 .5 .1 .2 .2 .1		\$.	7.					1.4	10 - 4
NW	.1 .5 .1 .7 9.7 .1 .2 .2 .4 15.7 .1 .2 .2 .1 .2 .5 .1 .2 .2 .1 .7 .1 .11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	.1 .5 .1 .1 .2 .1 .2 .1 .2 .1 .2 .2 .1 .1//////////////////////////////////		• 5	-2	*				1.2	12.1
KINW .1 .5 .1 .2 .2 .1 .1	1 .5 .1 .9.7 .4 15.7	.1 .2 .2 .1 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7		٠5						9.	•
NW NW NW THAM TOTALS NW SARIABLE VARIABLE VARIABLE VARIABLE VARIABLE VARIABLE VARIABLE SARIABLE SARIAB	.1 .2 .2 .1 .7 15.0 .1 .2 .2 .1 .7 10.7 ///////////////////////////////////	.1 .2 .2 .1 .1 .2 .2 .1 ///////////////////////////////////	•	• 5	•1					.,	9.7
NW INW VARIABLE CALM ///////////////////////////////////	.1 .2 .2 .1 .7 10.7 .11.11.11.11.11.11.11.11.11.11.11.11.1	.1 .2 .1 .1 .2 .2 .1 ////////////////////////////////////				-2				7	
VARIABLE	10.7 10.7	.8 8.9 22.2 42.3 21.1 4.2 .1 .2 .1 0F OBSERVATIONS: 848	32		•2					•2	15.0
VARIABLE CALM ///////////////////////////////////	### ##################################	.8 8.9 22.2 42.3 21.1 4.2 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	Brigginstande designation was de la service de	2.	.2					1.	10.7
VARIABLE CALM	.8 8-9 22.2 42.3 21.1 4.2 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.8 8.9 22.2 42.3 21.1 4.2 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1		• • • • • • • • • • • • • • • • • • • •	•	•		•			•
ALS 8.8 8.9 22.2 42.3 21.1 4.2 .1 .2 .1	0F OBSERVATIONS: 848	.8 8.9 22.2 42.3 21.1 4.2 .1 .2 .1	VARIABLE								
ALS 8.8 8.9 22.2 42.3 21.1 4.2 .1 .2 .1	0F 0BSERVATIONS: 848	0F 06SERVATIONS: 848		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
	OF OBSERVATIONS: 848	OF OBSERVATIONS: 848	80		42.3	21.1		• 5		100.0	13.2
	OF OBSERVATIONS:	OF OBSERVATIONS:						:			
OF OBSERVATIONS:			OF OBSERVATIONS	848							

STATION NUMBER: 912450 STATION NAME: WARE ISLAND PERIOD OF RECORD; 177-66 100-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 120-104 101-105 101-10	STATION NUMBER: 512-50 STATION NAME: MAKE ISLAND PERSOD OF RECORDS 77-86 10-14 11-16 17-21 22-27 28-33 34-90 91-97 46-55 66 56 10-14 10-16 17-21 22-27 28-33 34-90 91-97 46-55 66 56 10-14 10-16 17-21 22-27 28-33 34-90 91-97 46-55 66 56 10-14 10-16 17-21 22-27 28-33 34-90 91-97 46-55 66 56 10-14	USAFETAC ATR WEATHER SERVICE / MAC	SY BRANCH	PERCENTAGE	GE FREQUENCY	6	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	RFACE WIND DIRE BSERVATIONS	VERSUS WIND	areeu
OTHER CALCULARY 1-3 4-6 7-10 11-16 17-21 22-27 28-33 33-00 41-47 48-55 GE 56 TOTAL 1000RE, FS.	Direction 1-3 4-6 7-10 11-16 13-21 22-27 28-33 34-40 41-47 48-55 6E 50 10.11 10.000 12.2 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0	STATION NUMBER: 9	112450 STATI	- 1	H	9		PERIOD HONTH:	E CO R	1 1
Occope (2.5)	DIEGETION 1-3 4-6 7-10 11-16 17-21 22-27 24-33 34-60 14-47 14-55 66 56 10AL 14-47 14-55 15 12-47 14-47 14-55 15 14-47 14-55 15 14-47 14-55 15 14-47 14-55 15 14-47 14-55 14-47 14-					HIND	IN KNOTS		•	
NE	NINC	DIPECTION (DEGRE ES)	-3 4	7-10	-16	-21	2	34-40	GE 56	
NE	NE	-		3 1.6	1.3	.1	. 3	•	•	3.7
NE	NE				•		2			
C C C C C C C C C C	CNE	3E			2.2	2.6	*			11.1 15.0
CSE	CSE S. S. S. S. S. S. S.				• i	9.3	2.8			•
SSE	SE		•		• 1	8.9	9.			24.4 14.3
SSK	SSE	l SE		1	•	•3				5.0 11.4
SSE .1 .3 .8 ' .2 .1 .3 .1 .3 .1 .3 .2 .1 .3 .1 .3 .2 .1 .3 .2 .1 .3 .1 .0 .9 <td< td=""><td>SSW</td><td>35</td><td></td><td></td><td>•</td><td>•2</td><td>.1</td><td></td><td></td><td>.7</td></td<>	SSW	35			•	•2	.1			.7
SSW .1 2.3 3.7 .9 .2 .1 1.8 1.8 1.8	SSM	SSE		1	89.					9.
SSW	SSW	S	.1 2.		6.			.2 .1		6
SNW .2 .5 .2 .9 WINW .1 .3 .1 .2 .9 WINW .1 .2 .2 .2 .8 .8 WARIABLE .1 .2 .3 .8 .3 .1 .1 CALM ////////////////////////////////////	SSW .2 .5 .2 .9 .9 W .1 .3 .1 .2 .9 .9 WMW .1 .2 .2 .2 .9 .9 NW .1 .2 .2 .2 .6 .6 .1	MSS	•	5 1	.3					80
W SW .1 .3 .1 .2 .2 .8 .3 .6 <	WARTABLE .1 .3 .1 .2 .2 .2 .2 .3 .1 .1 .1 .4 .1 .4 .4 .1 .4 .4 .1 .4 .4 .4 .1 .4 <	AS.		8	•2					
NW .1 .2 .2 .3 .6 .6 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	HNW .1 .2 .2 .2 .6 .6 .6 .1 .7 .6 .6 .6 .1 .1 .1 .2 .2 .2 .2 .2 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	MSA		.2	• 5	•2				
NN	NW .1 .2 .3 .8 .3 .1 .7 .1 .7 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1			٠	•1	2.				
NNU .2 .3 .8 .3 1.7 NNU .2 .3 .8 .3 1.7 VARIABLE CALM ////////////////////////////////////	NNU .2 .3 .8 .3 .1.7 NNU .2 .3 .8 .3 .1.7 VARIABLE (ALM ////////////////////////////////////	ì		1		.2				9
NNW .2 .3 .8 .3 .1.77 VARIABLE	NNW .2 .3 .8 .3 .1.77 VARIABLE CALM ////////////////////////////////////	3 2								
VARIABLE VARIABLE CALM VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	VARIABLE CALM ////////////////////////////////////	MNN	The state of the s		8.	• 3				
CALM ////////////////////////////////////	CALM ////////////////////////////////////	VARIABLE				•			•	
TOTALS 8.5 24.1 39.8 21.1 5.5 .2 .2 .1 100.0	TOTALS 3 8.5 24.1 39.8 21.1 5.5 .2 .2 .1	-	William III	mmm.	1	THE STATE OF	willing the	,,,,,,,,,,,,,,,,,,,,,,,,	miniminini.	
		TOTALS	•3	<u> </u>		21.1				

GLOBAL CLIMATOLOGY BRANCH USAFETAC		PERCENTAGE F	FREQUENC	CY 0F 0CC	FROM HO	URLY OBSE	RVATIONS	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS		TWO STEED	
STATION NIMBER.	MITTON	NAME - WAKE	TSLAND				PER	TOD OF REC	0R0: 77	77-86	
• พ.สดเกด	***************************************			- 1			- 1	HONTH: MAR HO	URS (11: 1500-1700	1700
	•	•		밁	SPEED IN	2	:				
DIRECTION OEGRE ES)	1-3 4-6 7-10	10 11-16	7	7-21 22	22-27 2	28-33 34	34-40 4:I	41-47 48-55	ני	101AL	LIND
2		9-	1.7	9	£	•	•	•		3.6 34.6	14.6
NNE	• 1	.7	1.8	8.	S		ļ			4.0	14.7
NE	3	2.6	6.2	3.5	5.					13.3	14.3
CNF.	1.1	3.5	13.1.	0.6	4-1					30.7	15.6
ω.	1.2	4.7	12.2	4.7	• 5					23.2	13.4
LSE I	ħ*	2•0	2.3	27						5.0	11.3
SE	1.1	80	.2		•1					2.3	8.3
SSE	• 6	1.9		•1						3.4	9.3
s	. 1 1.44	3.2	9•				•2			5.7	6.6
ASS	6	1.4	#							2.3	8.3
MS	9•	1.2	s.							2.3	8.1
HSH	9•	.2	4							1.2	7.6
3	•	3	37							80	10.4
×××		• 2	37	3.						1.0	14.5
n N			•2							•2	15.0
NN	.2	.2	5	•1						1.1	10.9
		11111111			mm	111111111	,,,,,,,,				111111
: S 7	•1 8•5	23.8	41.4	19.5	0.9	3	2.			100.0	13.4
									• • • • • • • • • • • • • • • • • • • •	•	
TOTAL NUMBER OF	OF OBSERVATIONS: 8	835									
1		Militarija ju pilitika nju din diligitum dina	STATE STATE OF STREET								

STATION NUMBER: 912450		STATION NAME:		WAKE ISL	SLAND			PERIOD OF RECORD: MONTH: MAR HO	77-86 URS (LST):	1800-2000
		••••••	• • • • • •	•	ON I M	SPEED I	KNOTS		•	
OIRECTION (OEGREES)	1-3	9-h	7-10	11-16	17-21		28-33 34-40	- 0	56 TOT	_
		S	-	.7	.7		•	•	2.1	1 13.9
NNE			1.4	2.1	9•	9•	.1		3	.8 14.4
NF		9•	2.2	6.9	4.5	1.0			15.1	1 14.9
ENE		9•	3.8	12.6	8.9	3.8	8.		30.2	2 16.0
a	1.	1.7	7.9	10.7	4.2	•			25.2	2 12.4
ESE	-1.	6.	2.6	1.4	*				5.0	8.8
38		1.0	1.1	.3					2.	.5 7.8
388		1.1	9•	2.		•1			2.	.1 7.7
S		1.5	2.1	6.					#	.5 8.0
RSS		9•			•1		.1		1.	.5 9.0
35			1.0	• 5			2.		2.	4 10.4
KSW	-	• 1	£.	•2					•	.7 9.2
; ; ;	Me inggeneral graph in som den jugligen er opposition en		• 5	2					1.	.4 7.4
ANA	•		9•	-2					1.	.0 8.3
- - -		1.		•3					•	•6 10•6
ANN		• 5	-	.3					•	.9 8.3
VARTABLE									•	
CALM	Manda Company	11111111	1111111	11111111	mmm	minni.	· · · · · · · · · · · · · · · · · · ·		,,,,,,,	11111
TOTALS	* N •	10.8	25.1	37.6	19.0	6.2	6.		100.0	0 13.1

STATION NUMBER: 91245G STATION ANNELS WANTED PROPERTY BANK STATION NUMBER: 91245G STATION ANNELS WANTED PROPERTY BANK STATION AND STATION ANNELS WANTED PROPERTY BANK STATION AND STATION	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND Direction 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-0 OUGGRESS N NNE NNE NNE NNE NNE NNE NN	AIR KEATHER SERVICE/MAC	AIR KEATHER SERVICE THAC									
Obtode 13 13 14 17 11 14 17 17 17 17	DIPECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 OCCOREES . 3 .5 2.0 1.5 .6 .1 NN			N NAME:	H	NO		a =	RIOD OF RECIONTH: MAR	ORD: 77- HOURS (LS1	-86 1): 2100-2	300
Direction 1-3 4-6 7-10 11-16 17-21 22-21 28-13 34-40 41-41 48-55 65 10 11 11 11 11 11 11 1	Direction 1-3 4-6 7-10 11-16 17-21 22-21 22-21 22-31 34-40 41-41 46-55 10.044 10.000 10.000 1.0 1	•	· •			: =	SPEED IN					
N	N	DIPECTION T	3 4	7-10	-16	17-21	22-21 21	34-40		6 E	TOTAL	HEAN
NNE	NE 6.2. 1.5 6.0 1.5 6.0 12.7 FIE 1.1 1.2 6.4 7.2 1.2 1.2 12.1 3.2 1.6 32.7 <	Z			.5	7.	-2	<i>,</i>			2.0	
FILE 1.1 1.5 5.5 12.6 8.8 4.0 .3 .32.7 1.1 1.2 .26.3 1.2 .26.3 .26.3 .3 .32.7 .1 .2 .26.3 .2	HE		•	•	2.0	1.5	•				5.0	15.6
FHE -1 1-1.3 5-5 12.6 8+8 4.0 .3 32.7 E -3 2.5 7.5 12.1 3.2 .6 .9	FINE ESE SIGN SIGN SIGN SIGN SIGN SIGN SIGN SIGN	NE)•		*	2.4					12.7	14.9
F. F. F. 12-1 3-2 3-6 5-6 3-7 3-1 3-2 3-6 3-7 3-1 3-2 3-6 3-7 3-2	ESE 3.0 2.3 1.0 5.4 5.4 5.5 5.4	, ,	1		12.	8.8	• 0•				32.7	15.2
ESE 3.0 2.3 1.0 6.4 SSE -1 -6 -3 -3 -1 1.5 SSE -1 -6 -3 -3 -3 -2 -3 SSB -1 -2 -1 -3 <	ESE 3.0 2.3 1.0 6.4 SE -1 -6 -3 -3 -1 1.5 -2 -3 <t< td=""><td></td><td></td><td></td><td>12.</td><td>3.2</td><td>9•.</td><td></td><td></td><td>•</td><td>26.3</td><td>• 1</td></t<>				12.	3.2	9•.			•	26.3	• 1
1.	.3 .3 .1 2.0 2.0 .8 .9 3.5 <td>,</td> <td>3.6</td> <td></td> <td>1.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4.9</td> <td>7.3</td>	,	3.6		1.						4.9	7.3
1.7 .8 .9 .3 .5 .2 .3 .4 .3 <t< td=""><td>3 5 2 2 3 5 3 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 4 3 4</td><td>38</td><td></td><td></td><td>.3</td><td>•1</td><td></td><td></td><td></td><td></td><td>1.5</td><td>8.2</td></t<>	3 5 2 2 3 5 3 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 4 3 4	38			.3	•1					1.5	8.2
1.7 .8 .9 .9 3.5 7. 22 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.8 .9 3.5 .1 .1 .1 .5 .3 .1 .1 .7 .1 .1 .1 .6 .6 .2 .2 .7 .1 .2 .2 .7 .1 .2 .2 .7 .1 .2 .2 .2 .3 .7 .4 .7 .7 .7 .7 .7 .7 .7 .7 .8 .7 .7 .8 .7 .8 .8 .7 .8 .8 .7 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8	SSE	\$•	•	\$	•2					2.0	•
2 5 5 5 3 1.4 8 6 5 5 1 <td>.5 .3 1.4 .5 .1 .1 1.3 .7 .1 .1 1.5 .5 .2 1.3 .8 .6 .7 .7 .7 .1 .7 .7 .7 .1 .7 .7 .7 .1 .7 .7 .7 .2 .3 .7 .7 .1 .7 .7 .7 .2 .3 .7 .7 .2 .3 .7 .7 .2 .3 .7 .7 .4 .7 .8 .7 .5 .8 .7 .8 .6 .7 .8 .7 .8 .6 .7 .5 .100.0 .7</td> <td>S</td> <td>1-7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.5</td> <td>7.7</td>	.5 .3 1.4 .5 .1 .1 1.3 .7 .1 .1 1.5 .5 .2 1.3 .8 .6 .7 .7 .7 .1 .7 .7 .7 .1 .7 .7 .7 .1 .7 .7 .7 .2 .3 .7 .7 .1 .7 .7 .7 .2 .3 .7 .7 .2 .3 .7 .7 .2 .3 .7 .7 .4 .7 .8 .7 .5 .8 .7 .8 .6 .7 .8 .7 .8 .6 .7 .5 .100.0 .7	S	1-7								3.5	7.7
.1 .5 .5 .3 1.4 8 .6 .5 .7 .1 1.5 6 .2 .5 .3 .2 1.3 7 .1 .1 .6 .8 .6 .7 .9 .7 .1 .1 .2 .3 .7 .9 .7 .7 .9 .1////////////////////////////////////	.5 .3 .1 .1 11.3 .5 .1 .1 11.5 .7 .1 11.5 .8 .6 .2 .3 .7 .1 .2 .3 .7 .1 .7 .7 .1 .6 .7 .23.1 .35.5 .18.8 6.7 .5	ASS	7.									5.3
.2 .5 .7 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .8 .6 .8 .6 .7 .9 .7 .9 .7 .9 .7 .7 .9 .77 .7 <t< td=""><td>.5 .1 .1 11.5 .7 .1 1.5 1.5 .5 .3 .7 ////////////////////////////////////</td><td>38</td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>• [</td><td>•</td></t<>	.5 .1 .1 11.5 .7 .1 1.5 1.5 .5 .3 .7 ////////////////////////////////////	38			•						• [•
2 .5 .7 .1 .1 .6 .8 .8 .8 .8 .8 .8 .8 .9 .1 .1 .1 .2 .3 .3 .1 .1 .2 .3 .3 .1 .1 .1 .1 .2 .3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.3 .3 1.3 .6 .8 .2 .3 .1 .7 .1 .7 .1 .7 .1 .7 .2 .3 .3 .3 .4 .7 .7 .8 .2 .5 .2 .3 .3 .5 .4 .6 .6 .7 .6 .7 .7 .8 .100.0 .9	ASA	9•	•			•1				•	9.6
.1 .1 .6 .8 .6 .7 .7 9 .1.1 .1 .2 .3 .1 .1 .1 .1 .2 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	.5 .2 .8 .8 .7 .71.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	28	*								1.5	6.9
.1 .2 .3 .7 9 ////////////////////////////////////	.2 .3 .7 ////////////////////////////////////	MDX	2		.2.	•						7.3
.1 .2 .3 	23.1 35.5 18.8 6.7 .5 100.0	AN	•								8	4.9
77777777777777777777777777777777777777	23.1 35.5 18.8 6.7 .5 100.0	Man			•							9.5
LS 1.3 13.4 23.1 35.5 18.8 6.7 .5 .100.0	23.1 35.5 18.8 6.7 .5											
1.3 13.4 23.1 35.5 18.8 6.7 .5	23.1 35.5 18.8 6.7 .5		minimininininininininininininininininin		minni.	mmn.	Manne Contraction of the Contrac	mmmn.	mmmm	minimi	80	111111
		TOTALS	1.3		35.	18.8					100.0	12.7

STATION	NUMBER: 912450	STATION	N NAILE:	WAKE ISL	SLAND			d	PERIOD OF MONTH: H	RECOR	0: 77-86 HOURS (LST):	ALL	
			•	•	ONIA	SPEED	IN KNOTS	• • • • • •	• • • • • • • • • • • • • • • • • • • •			•••••	•
DIRECTION (DEGRETS)	N 1 1-3	9-7	7-10	11-16	17-21	22-27	8-33	34-40	41-47	48-55	GE 56 T(TOTAL *	MEAN
2	0	3.	9.	1.0	7	2.	0.					2.7	13.0
NNE		٥.	80	1.7	1.1	3	•					4 • 5	14.6
NG.	0.	1.0	2.3	5.2	3.3	1.1	• 0					12.9	14.4
ENE		1.3	4.5	13.1	8.8	3.1	•1	0.				31.0	15.1
W		2.0	h • 9	11.9	4 • 5	*						25.3	12.7
FSE		1.5	2.3	1.6	.2	•		0.				5.8	9.0
38		8	1.3	9.	•1	0.	0.					3.0	9.0
SSE			1.0	• 5	0.	0.		0.				2.5	9.1
S		1.6	1.9	6.	•1		0.	•1	0.	0.		4.6	9.0
NSS	0,	3.	9	•3	•		0					1.4	9.0
AS	0	\$•	9•	•2	.1		0.					1.4	8.9
MSM		• 3	£ .	•2	•1	0.	0.					6.	10.2
28	0	• 3	7.	1	0.	0.						1.0	8.5
KNK		• 3	.2		•1	0.						8	9.2
3N	0	•	.2	•2								• 5	8.8
NNN		2.	. 3	.	•1							1.0	10.3
0 10 0	-												• • • • • •
CALM		11111111	THURST THE THURST THE TANKS THE TANK	11111111	,,,,,,,,,,	,,,,,,,,		mmm	11111111	,,,,,,,,,,	,,,,,,	, 1.	111111
TOTALS	-	1	23.6	38.1	8.8	8	3	1.0	0.	0.		100.0	12.8
OIALS				9	0	7	•	•	?	:	•		77.

. . . .

0000-0200 1014 HEAN 1016 HEAN 1013 15 100 6 100 6 100 6 100 7 100 6 100 7 100 10 100 10 100 10 100 10 100 10 100 10 100 10 100 10	AIR WEATHER SERVICE/MAC											
Direction 1-3 4-6 7-10 11-16 17-21 22-27 28-13 34-40 41-47 48	STATION NUMBER:	912450 S	TATION	1	AKE ISLAI	0			PERIOD OF RE HONTH: APR	CORD: 77-86 Hours (LSI): 0	0000-05	00
NEW COLORE (COLOR 1-3 4-6 7-10 11-6 17-21 28-13 34-40 11-41 48-55 GS 56 10-14 48-55 GS 56 10-1	-	' :				IN	SPEED I	CNOTS	• • • • • • • • • • • • • • • • • • • •			
N	OIRECTION (۳.				ļ	12-23		/ h [h	GE 56	TAL \$	MEAN
NE	2		.3	9-	.2			• • • • • • • • • • • • • • • • • • • •	•	•	1-1	
NE .3 11.3 4.8 3.7 11.3 38.0 13.1 38.0 13.2 38.0 13.2 38.0 13.7 19.5 3.1 .2 .3 40.3 11.1 ESE .3 3.6 13.7 19.5 3.1 .2 40.3 11.1 SSE .2 .6 .1 .9 .6 .1 2.0 8. SSE .2 .6 .1 .1 .1 .1 .1 .1 SSE .2 .6 .1<				• 3	•2	• 1					٠,	•
CK 1-3 5-8 16-3 9-0 1:5 -1 39-0 19-1 CK -2 3-6 13.7 19-5 3-1 -2 40-3 11- CK -1 2-2 3-3 -8 -1 2-6 9-7 SK -2 -6 -1 -1 2-6 9-7 SX -3 -1 -1 1-0 6-8 7-8 SX -3 -4 -1 -1 1-0 6-8 7-8 WAN -4 -1 <	NE		٠3	1.3	8.4	3.7	• •			,	•	S
E 2 3.6 13.7 19.5 3.1 .2 6.9 7. S 1.0 .9 .6 .1 2.6 8. SSE .2 .6 .1 1.0 7. SSX .5 .1 .1 1.0 7. SW .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .9 .6 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .9 .6 .9 .5 .1 .1 .2 .9 .6 .9 .5 .1 .1 .2 .9 .9 .9 .1 .1 .1 .1 .1 .2 .9 .9 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 <	ENE		1.3	5.8	16.3	9.0	•	.1		7.1	34.0	• 1
SSE 1.0 9 6 1 1.0 6 8 8 8 8 8 8 8 8 8	-	•2	3.6	13.7	19.5	3.1	•2			7	• 1	• [
SSE	[SE]	•	2.2	3.3	€0						4.9	7.8
SSE	SE		1.0	6.	9•	.1			•		• 1	•
SSY	SSE		*5	9•								•
SSY SU SU NEW	s		\$•	\$.	• 1					,	•	•
WSW	- ASS				ហ						s.	7
WSW .1 .1 .1 .2 8 WRING .1 .1 .1 .1 .1 .1 .5 WARJABLE .2 .1 .2 .1 .3 6. VARIABLE .777777777777777777777777777777777777					•1						.1	12.0
ими .1 .1 .1 .1 .1 .5 ими .2 .1 .3 6. .3 6. .3 6. .3 6. .3 6. .1			• 1		• 1					t	•2	•
ИК .1 .1 .1 .1 .3 6. VARIABLE .7/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	78											
НК .2 .1 .3 .5 VÁRIÁBLE .6 .6 .0 .1	nnn n				,				,			
WARIABLE CALM ////////////////////////////////////	22		• 1						•			5.0
VARIABLE	ana		-2								.3	•
0F OBSERVATIONS: 873	• 1	•										
0F OBSERVATIONS: 873		mim	WWW.	munn		mmn.		mmmm	<i>annunum</i>	mmmm		um
OF OBSERVATIONS: 873	 «		6.6	27.1	43.2	16.0	3.0	•1		I	0.00	12.5
OF OBSERVATIONS:				:								
	OF	08SERVAT1	ONS:	873								

TION NUMBER: 9124		T CACE RIAGE	FREGUE	NCT OF GC	TR'A HO	OF SURFACE URLY OBSERVA	OCCURRENCE OF SURFACE WIND DIRECTION FR'M HOURLY OBSERVATIONS	N VERSUS	NINO SPEED	E0	
	TATION	AAME: VI	VAKE TSLAN				PERTOD OF R	ECORD:	77-86		
		:					MONTH: APR HO	HOURS	(LST):	0300-0500	0
DIRECTION 1 1-3	9-1	7-10 1	11-16	#IND 17-21 2	22-27 2	IN KNOTS 28-33 34-40	41-47	48-55 GE	. 56 TOTAL		HEAN
	. 1	3				•	•		•	9.	8.5
HNE	•1	9•		*						1.8	11.6
NE	1.0	1.7	5.6	3.0	9.				1	12.0	14.0
ENE	1.4	6.1	17.1	8.3	1.1	.3			3	34.8	14.1
u.	.1 4.4	13.8	14.6	3.4						36.4	11.0
CSE	.4 3.9	2.5	8							7.6	7.1
SE	0-1 1-0	8.	4.							2.3	7.4
SSE	•3	. 1	9•	M •						1.2	11.9
- S	•1	7.	9.							1.7	8.0
NSS		• 1	.3							3	12.0
NS.			*							*	13.7
AS:3											
3											
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						•					
NR											,
NNN	•1										6.0
VARIABLE						•	•			• • • • •	
CALM 1111111	minimum minimu	,,,,,,,,,,		mmm	,,,,,,,,,	<i>mmmm</i>		mmi	11111	11 1:	111111
TOTALS	.1 12.8	26.4	41.0	15.4	2.2	.3			10	100.0	12.0
TOTAL NUMBER OF OBSE	OBSERVATIONS:	726									

110N 1-3 4-6 7-10 1 15 3 4-6 7-10 1 15 5 3.9 13.6 2 3.0 3.6 3 4 3.0 3.6 2 1 1.0 2 2.1 3 2.1 3 2.1 3 2.1 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6 3 3.0 3.6	1 SLAND 1 1 1 - 2 1	SPEED IN 27-2 7 28 . 8 . 1 . 8	15 34-40 1	0 OF RECORD: H: APR HOURS! 7 48-55 GE 5	17-86 LST1: 0600-0800	800
10N 1-3 4-6 7-10 CS) (S) (S) (S) (S) (S) (S) (S) (S) (S) (16 17-21 16 17-21 6 0 4 0 6 0 4 0 6 0 0 4 0 6 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 6 0 0 0 0 0 0 6 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	IN THE STATE OF TH	1134-40 11334-40	-47 48-55 GE 56		
OURECTION 1-3 4-6 7-10 OUEGRE CS) N NE	16 17-21 60 40 60 40 60 93 61 208 8 01	$\lceil \mid	34-40	48 - 55 GE		•
NNE	6 - 0 - 4 - 0 - 0		3		, TOTAL *	HEAN WIND
• 3 2 • 5 3.9 13 • 4 3.0 3 • 1 • 0	9 9 1 9 0 9	8 8 1	.3		6.	9.1
.5 3.9 13 .5 3.0 3 .1 .9 .9	D 00 11 80 00 00 1		.3		2.0	12.1
1.6 5 .5 3.9 13 .4 3.0 3 .1 .1 .1	6. 11 en 80 c. 1		M		13.3	15.0
.5 3.9 13 .4 3.0 3 .1 .1 .1					33.2	14.6
•4 3.0 3					35.9	11.0
.1 .1 .1	•				7.9	7.7
• 1 • 1					2.5	8.1
• 9•	T .				1.9	9.7
1					1.5	8.3
**************************************	*				5.	15.7
WSW					,	
KNU • 1					.1	1.0
NV .	• 1				۴.	10.0
Ann						
VARIABLE	•					
CALM		mmm.			£.	111111
TOTALS 1.3 10.8 28.4	39.7 16.6	2.6	2.		100.0	12.3

AIR MEAINEN OLDI	AIR REATHER SERVICE/MAC				FROM HOURLY	URLY OBSERV	OBSERVATIONS			
STATION NUMBER: 912450	912450 STATION	NAHE:	WAKE ISLAND	QX			PERIOD OF RI Honth: Apr	ECORO: Hours (77-86 LST): 0900-1100	100
		•	• • • • • • • • • • • • • • • • • • • •	GNIA	SPEED IN	KNOTS	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	
DIRECTION (DEGREES)	1-3 4-6	7-10	11-16	17-21	2-27	28-33 34-40	41-47	48-55 GE 56	TOTAL	MEAN
2	2-	7	-2						88	8.0
NNE	• 2	37		•1	7				1.8	14.1
NE .		1.7	5.2	3.5	1-1				11.5	15.5
ENE	8.	4.7	16.1	3.8	3.1	•2			33.3	15.2
3	1.8	7.0	19.8	7.4	•1	•1			36.2	13.3
rse .		2.5	3 · 3						6.8	11-4
SE		2.1	1.3	•1					4 . 3	9.7
SSC	4.	1.4		•1					2.6	6.6
S			#	•1					1.8	8.8
ASS	• 1		*						• 5	11.0
MS .				8.					5.	16.5
rsw.										
3										İ
ANA										
32										
NNN										
VARIABLE	•••••••			,		•				
CALH 177	MINIMA MARIANTINIA	,,,,,,,,,,		· minn	minni	mmmm.		mmmm	,	111111
TOTALS	•1 4•7	20.8	49.2	20.2.	4.6	*			100.0	13.7
	•	•								
TOTAL NUMBER OF	OBSERVATIONS:	847								

A.er	USAFETAC AIR WEATHER SERVICE/MAC	RVICE/MAC		T cuche la cuche			FROM	FROM HOURLY OBSERVATIONS	ATIONS				
S	STATION NUMBER: 912450	,	STATION	A 486 :	WAKE ISLAND	ואס			PERIOD MONTH:	OF RECORD:	URS (I		14 00
·	:	:			•	ONIM	O SPEED	15:		:			• • • • • • • • • • • •
	DIRECTION 1	1-3	4-6	1-10	11-16	17-21	22-21	28-33 34-40	h-1 5	- 8 %	GE 56	STAL *	MEAN
		•	.2	.1	.1		•					5	8.0
	SNE			8	1.2							2.0	11.5
	NE	1•	•1	1.4	4.5	3.1	1.5					10.7	15.7
	ENE		•	5.2	15.5	11.1	2.9	*				35.6	15.4
‡ 1	u		6.	6.2	20.4	6 • 1	-2					33.9	13.6
	FSE		.1	2 • 1	2.9	• 5						5.6	11.8
	SE		3	2.1	1.6					3		4.1	6.6
 	SSE	•	4.	2.6	•2	.1						3.3	8.6
	s		\$.	1.2	9*	•2						2.5	10.2
! 	HSS		•1	•1	.1							7	9.0
	NS.			• 1	9.							1.	12.3
	ASM				.1	• 3						•2	14.5
I	3												
.	77			• 1								•1	7.0
	78		:										
•	ANN		or and a second		.1							•	11.0
	VANATARIE												
!					11111111	,,,,,,,,,	,,,,,,,,			THE THE PARTY OF T	mmm	2.	mmi
	S	•	3.3	22.1	48.0	21.2	4.7	7.				100.0	13.8
•													
-	TOTAL NUMBER O	OF CBSERVATIONS:	ONS	850									
		•											
	and the same of th												
		1	f										

STATION NUMBER:	912	RECORD: 77-86 PR HOURS (LST): 1500-1700
	LIND SPEED IN KNOTS	
DIRECTION (DEGREES)	22-27 2	48-55 GE 56 TOTAL MEAN x WIND
• ;	2	· · · · · · · · · · · · · · · · · · ·
NNE	9•	1.2
NE.	.4 2.6 5.3 5.1 1.8	15.1
ENE	.7 5.3 16.1 11.0 2.6 .5	36.1
	.6 7.0 18.1 4.2 .4	30.2
FSE	1.1 2.2 2.8 .2	. 6.3
SE	1.0	0.4
SSE	.5 2.1	2.6
S		1.1
SSW	.1 .5 .6	1.2
NS	.2 .4 .1	τ.
BSM	•1	•2
3	• 1	
MNA	.1 .1	•2
31 22	• 1	•1
NNN	•2	• 2
VARIABLE		
CALM	THE TAXABLE TO THE TRANSPORT OF THE TAXABLE TO THE	111111
TOTALS	4.3 24.2 45.3 20.9 4.9 .5	100.0

NUMBER: 912450	STATION NAME:		,						
0 1 RECTION 1-3 (OEGREES) N N N N N N N N N N N N N N N N N N	٠		WAKE ISLI	SLAND			PERIOD OF RECORD: MONTH: APR HO	D: 77-86 Hours(LST): 1880-2888	-2000
1-3				S GNIM	SPEED IN	N KNOTS	• • • • • • • • • • • • • • •	•	, , , , , , , , , , , , , , , , , , ,
	l 9-h	7-10	11-16	17-21	12-22		41-47 48-55	†	1 1
		.2			. 1	•	• • • • • • • • • • • • •		10.3
			• 5	•2	•1	•1		1.2	15.4
N	• 5	2.0	6.9	5.7	1.4			16.4	15.4
FNE	1.0	6.9	16.4	10.4	2.9			37.7	14.7
- -	•8	10.0	15.9	4-1				30.7	12.3
rse	1+3	2.8	1.3	•2	•1			5.7	9.5
SE	1.0	۲.	•		• 3			2.4	8.8
SSE	9•	٠3	.3					1+3	0*6
S	9•	9•	•2					1.4	7.8
ass	.1	-2	'n					7.	11.2
MS	•3	۳,	•2					6.	7.6
BSM	•1							•1	5.0
3	.1							. 1	5.0
HWH •1		•1						• 2	9
NN	• 1	۲.						• 2	6.5
HNH	1.							1.	0.9
VARIABLE			- 1						
CALM		1111111	THILLI.	minn	mm	<i>mmmm</i>	TITE THE THEORY OF THE THEORY OF THE TRANSPORT OF THE TRA		mu
TOTALS 1 .2	8.9	24.4	42.7	20.6	4.7	•1		100.0	13.3

STATION NUMBER: 972-95 STATION NAME: NAME ISLAND PROBLEM OF RECORDING MARCHING NUMBER: 972-95 STATION NAME: NAME ISLAND 11-16	GLUBAL CLIMAIOL USAFETAC	GY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS
PERIOD OF RECORD PERIOD OF RECORD	AIR WEATHER SER	
1-3 4-6 7-10 11-16 17-21 22-27 28-33 33-00 41-47 48-55 6E 56 10/14 1	STATION NURBER:	912450 STATION NAME: WAKE ISLAND PERIOD OF RECORD: 77-86 MONTH: APR HOURSILST): 2100
1-3 4-6 7-10 11-16 17-21 22-27 28-33 39-40 41-47 48-55 65 56 10AL HEM 15-4 15		HIND SPEED IN KNOTS
-1 .4 .2 .2 .1 .9 9 9 -2 1 10.7 20.4 3.5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	DIRECTION (DEGREES)	4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL
-4 1.4 5.5 3.9 1.3 12.4 15. -7 6.6 15.9 10.5 2.6 3.6 11. 2.1 10.7 20.4 3.5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1		.1 .4 .5
12.4 1.4 5.5 3.9 1.3 12.4 14 15.9 10.5 2.6 14 14 15.9 10.5 2.6 14 15.9 10.5 2.6 15.9 10.5 2.6 15.9 10.5 2.6 15.9 10.5 2.6 15.9 10.7 20.4 3.5 3.1 3.1 3.2 3.0 3.5 3.1	KNE	9 9 9
2.1 10.7 20.4 3.5 .1 36.9 11. 2.2 2.6 3.0 9 .1 .1 .1 7.0 8. .4 .7 .4 .5 .1 .1 .1 .4 .7 .1 .1 .2 .1 .1 .5 .1 .1 .5 .1 .1 .5 .1 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	NE	1.4 5.5 3.9 1.3
2.1 10.7 20.4 3.5 .1 100.0 8.9 11.	ENE	6.8 15.9 10.5 2.6 36.4 14
-2 2.6 3.0 .9 .1 .1 .1 .2 .1 .2 .9 .11 .2 .9 .11 .2 .9 .11 .2 .9 .11 .2 .15 .9 .1 .15 .1 .1 .2 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	+	10.7 20.4 3.5 .1
. 4 . 9 . 1	ESE	2.6 3.0 .9 .1 .1
.4 .7 .1 .1 .1 .1 .1 .2 .1 .1 .6 .11 .4 .4 .1 .1 .2 .1 .5 .94 .415 .9412121212	Ì	94 .6
.1 .1 .4 .7 .5 .1 .6 .11. .1 .2 .1 .2 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	SSE	.9 .1
.1 .2 .1 .4 .5 9. .4 .1 .2 .1 .2 .1 .4 .4 .1 .2 .1 .1 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	S = 100	.7 .1.2
.1 .2 .4 4. .1 .1 .2 .4 11. .1 .1 .2 .4 11. .1 .1 .1 .2 .4 11. .2 .7. .2 .7. .2 .7. .2 .7. .2 .7. .3 .7. .4 .4. .4 .4. .4 .4. .5 .7. .6 .856	4	. I 4
.1 .1 .1 .2 .4 11: .1 .1 .1 .2 .4 11: .1 .1 .1 .1 .2 .4 11: .2 7.8 25.1 44.4 18.2 4.1 100.0 12: OF OBSERVATIONS: 856	AS	•5 9
.1 .2 .4 11. .1 .2 .4 11. .1 .1 .2 .4 11. .2 7. .2 7. .2 7. .2 7. .2 7. .2 7. .2 7. .3 1. .4 18.2 4.1 .4 18.2 4.1 .5 7.8 25.1 44.4 18.2 4.1 .6 0F OBSERVATIONS: 856	ASA	
.1 .1 .2 .2 7.8 .25.1 44.4 18.2 4.1 .1/////////////////////////////////	3	7 P.
.1 .1 .2 .2 7. (17.1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	AND	
.1 .1 .1 .1 .1 .1 .1 .1 .1	NN.	
.2 7.8 25.1 44.4 18.2 4.1	NNN	.1
-2 7-8 25-1 44-4 18-2 4-1 -2 7-8 25-1 44-4 18-2 4-1 0F OBSERVATIONS: 85-6	VARIAFLE	
0F OBSERVATIONS: 856	-	
OF OBSERVATIONS: 856	TOTALS	7-8 25-1 44-4 18-2 4-1
OF OBSERVATIONS:	•	

DIRECTION 11-3 4-6 1-10 11-16 11-21 22-21 21-13 34-40 41-47 48-55 62 56 10144 1840 11-16	STATION NUMBER: 912450	•	STATION NAME:	1 1	WAKE ISLAN	ON			PERIOD OF RECORD: Honth: APR Hours		
DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-77 48-55 65 56 50 101	:	•	•		•	Z	SPEED IN		•	•	•
NMC	OIRECTION T	1	9-		9		2-27 28	2	48-55	26	MEAN
1.0 1.0 5.5 4.0 1.2 .0 12.8	2		-2	3	.1		0	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	9.	8.
FME 0 1 5.5 4.0 1.2 0 12.8 15.9 15.8 15.9 15.8 15.9 15.9 15.2 14.8 15.2 16.0 9.8 2.4 .2 35.1 15.2 14.8 15.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 9.1 17.2	ŧ	. 1			9•	.2	.1			1.4	N
1.0 1.0 5.8 16.0 9.8 2.4 2.2 35.2 14.8 1	, RE	0.	•3	1.7	5.5	4.0	1.2	0.		• i	S
1. 2.2 10.2 18.1 4.3 .1 .0 .0 .0 .0 .0 .0 .0		1	1.0	5.8	16.0	• 1	•	.2		35.2	3
1, 1, 7, 2, 8, 1, 9, 2, 0 0, 0 2, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 1 1, 9, 1, 9, 1, 1 1, 9, 1, 9, 1, 1 1, 9,			2.2	10.2	18.1	# • 3	.1	0.		8	12.2
0	ESE	•	1.7	2.8	1.9	•2	0.			9•9	•
.0 .3 .1 .3 .1 .9 8.8 .0 .1 .1 .3 .1 .5 .1.5 .8 .8 .1 .1 .2 .1 .0 .0 .0 .1 .1 .5 .11.2 .2 .11 .2 .1 .1 .5 .11.2 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .2 .1 .0 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .2 .2 .1 .2 .1	SE	0.		1.3	6.	0.				2.9	•
40 5 6 3 11 5 11.5 8.8 11 11 12 11 5 11.2 10 10 10 10 11 12.6 10 10 0 0 0 11 10.2 10 1 1 1 1 1 1 1 10 1 <t< td=""><td>SSC</td><td>0.</td><td>٤.</td><td>1.1</td><td>٤.</td><td>.1</td><td></td><td></td><td></td><td>• [</td><td>• 1</td></t<>	SSC	0.	٤.	1.1	٤.	.1				• [• 1
Abile 1	,	0.	• 5	9.	F.	1.				•	8.8
40 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 71 72 71 72 71 72 72 73 73 74 74 24.8 44.3 18.7 3.9 .3 13.0	HSS.		•		۴.					ن	• !
4.0 .0 .0 .0 .1 <t< td=""><td>AS.</td><td></td><td></td><td></td><td>•2</td><td></td><td></td><td></td><td></td><td>រប</td><td>11.2</td></t<>	AS.				•2					រប	11.2
ABLE .0 .0 .0 .1 7.3 7.4 24.8 44.3 18.7 3.9 .3 .3 .3 .3 .3 .3 .3			0.		0.	0.	0.			•1	~
ABLE .0 .0 .0 .1 10.2 ABLE .1 .1 .0 .0 .2 7.1 LS .4 .24.8 .44.3 18.7 3.9 .3 100.0 13.0	3			0.						• 1	•1
ABLE 7.1 .0 .0 .0 .0 .1 10.2 7.1	KNN				0.					• 1	• 1
ABLE (1777/77/77/77/77/77/77/77/77/77/77/77/77	3 2	1	0	0.	0.	0.				•1	10.2
ABLE 1 ///////////////////////////////////	ANN ANN	;	• 1	-	0.					*5	7.1
LS 4 7-4 24.8 44.3 18.7 3.9 .3	VARIABLE	•									
01ALS .4 7.4 24.8 44.3 18.7 3.9 .3	· — ·	Timinini.		THILLING.	- 1	,,,,,,,,,	,,,,,,,,,,	<i>HIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</i>			111111
		***	7.4	24.8	44.3	18.7		•3		100.0	13.0
				:							

STATION NAME: WAKE ISLAND PREDIO OF GEORGE: 77-86 STATION NAME: WAKE ISLAND WIND SPEED IN WOOLS	AIR ZEAIHER SE	AIR MEATHER SERVICE/MAC									
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 65 50 101 H H H H H H H H H	STATION NUMBER	912450	N NAME:	ISL	AND			PERIOD OF MONTH: MA	RECORD:	0000	-0200
1-3				:		SPEED	N KNOTS	•	•		
1	DIRECTION	-3	7-10	11-16	17-21	11.4	1		GE		MEAN
1. 1	•	•	•				•	•	• • • • • • • • • • • • • • • • • • • •	2.	•
1 3.1 16.1 29.9 2.6 .2 3 26.4 1 3.1 16.1 29.9 2.6 .2 3 25.3 2 2.5 2.5 3.6 2.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	ı									.1	5.0
1 3.1 16.1 29.9 2.8 .2 52.3	J.V.			6.	•3	• 1				3.1	10.6
1 3.1 16.1 29.9 2.8 .2 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8	ENE	1-1	7	13.2	4.2	٤.				26.4	12.6
.5 2.5 3.6 2.1 .1 2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2		3.		29.9	2.8	•2		,		• 1	11.6
2.5 1.3 2.6 2.7 2.7 2.8 2.1 2.9 2.1 2.1 2.1 2.1 2.1 2.1	FSE			2.1	1.					8 • 8	9 - 4
1 .3 .6 .2 3.1 2 1.5 .9 .3 3.1 3 1.5 .9 .3 3.1 .6 .6 .6 .7 .1 .1 .1 .1 .3 3.1 .8 .1 .2 .2 .2 .9 .10.2 32.1 48.0 7.8 .7 100.0 of Observations: 8.3	SE									2.5	7.8
3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	SSE									1.3	8.0
.1 .1 .1 .1 .5 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6			1	6•	ř,					•	• •
.5 .1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	ASS							•			7.7
.1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	- as		9•							9•	8.2
.1 .1 ////////////////////////////////////	383									8.	6.0
.2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	3										
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	383										
.1 .1111111111111111111111111111111111	23.2									•2	• i
	,	-								•	3.0
.9 10.2 32.1 48.0 7.8 .7 10.2 10.2 32.1 48.0 0.7 0.00.00.00.00.00.00.00.00.00.00.00.00.0	• 1		•			• • • • • •			• • • • • • •	•	
1 .9 10.2 32.1 48.0 7.8 .7 100.0 11.2 100.0 11.2 0F OBSERVATIONS: 80.3	<u> </u>	HIIIIIIIIII.			,,,,,,,,,	minn.	Manney Contract of the Contrac	mmm	minnin		111111
OF OBSERVATIONS: 803	-	6.		48.0	7.8	1.				100.0	11.2
OF OBSERVATIONS:											
		F OBSERVATIONS:	863								

R: 912450 STATION 1-3 4-6 4 2.5 2.3 4 2.5 4 2.5 1 .9 1 .9	AAHE: WAKE ISLAND ALIND SPEED IN KNOTS 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 TO 7.2 15.2 4.4 17.7 22.7 2.7 3.2 2.1 .1 .8 .4 .6 .4 .6 1.0 1.0 .3	1AL MEAN ** HIND ** HIND ** 4.0 ** 4.0 3.6 11.5 29.2 12.3 49.4 10.8 8.3 8.5 2.2 7.3 1.3 10.5 2.6 11.3
DIRECTION 1-3 4-6 7 OF GREE ES) N NE NE E E E E SE SSE SSE	3.2 2.1 3.1 3.2 2.7 2.8 3.3 3.4 4.0 41-47 3.2 2.7 2.7 2.7 3.4 3.1 3.2 3.4 3.4 3.4 4.4 3.5 3.4 4.4 3.5 3.4 4.4 3.5 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	HEAN WIND 11.5 12.3 12.3 12.3 12.3 7.3 10.5 10.5 5.0
DIRECTION 1-3 4-6 7	7-10 11-16 17-21 22-27 28-33 34-40 41-47 46-55 6E 56 101A 3-9 1.5 .6 .5 .5 17.2 15.2 4.4 49 3.2 2.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	MEAN FIND 6.00 4.00 11.55 11.55 10.8 8.5 5.00 11.55 11.55 11.3
NNE NNE NNE NE ENE ENE ESE SSE SSE SSE S	3.2 2.1 .1 .1 .8 .8 .4 .8 .8 .9 .4 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	5.0 11.5 11.5 10.8 8.5 8.5 10.5 11.3
NNE NE	.9 1.05 .6 . .3 7.2 15.2 4.4 29 17.7 22.7 2.7 49 3.2 2.1 .1 8 .4 .6 .4 2 1.0 1.0 .3 2	
ENE ENE SEE SEE SEE SEE SEE SEE SEE SEE	15.2 4.4 29 22.7 2.7, 49 2.1 .1 .1 .8 .4 .2 1.0 .3 .2	
E E S S S S S S S S S S S S S S S S S S	1.5	
E E SE	15.2 4.4 29 22.7 2.7, 49 2.1 .1 .1 .4 .2 .4 .2 .4 .2 .4 .2 .4 .2 .4 .2 .4 .2 .4 .2 .4 .2 .4 .2	
ESE • 4 ESE • 4 SSE • 1 SSW WSW	22.7 2.7 49 2.1 .1 .2 .2 .4 .2 .6 .1 .1 .2	
ESE standard	2.1 .1 .1 8 .4 .2 .6 .1 .1 .1 .2	
SSE SSW SSW WSW	2 °4 °6 °5 °5 °5 °5 °5 °5 °5 °5 °5 °5 °5 °5 °5	
S S S S S S S S S S S S S S S S S S S	.0 1.0 .3 . 2	
S S W WSW	.0 1.0 .3	11
SSW SW WSW		2
MSW		•
	• Σ**	4 6.7
- 1000年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	• 1	0 ° ħ
WNR 1	• 1	4.0
NW • 1	•	0.4
ARN		
	• • • • • • • • • • • • • • • • • • • •	
CALM TITITITITITITITITITITITITITITITITITITI	*** THE THE THEORY OF THE TANKE THE	111111
TOTALS .8 14.6	31.5 43.6 8.1 100.0	10.8
TOTAL NUMBER OF OBSERVATIONS:	77.5	

·		0600-0800		MEAN	6.3	8.7	10.7	13.3	11.07	8.0	8.2	7.9	10.1	8 • 0	7.0	8.0	8.0			5.5		111111	11.5			
SPEED	7	0600-		TOTAL X	7.	5	4.6	32.5	44.7	9.1	1.9	1.2	4.1	.2	•1	.2	• 1		į	•2		80.	100.0			
ON THE	77-86	HOURS (LST):		GE 56			}					1										11111				
ON VERSUS	06.0000	Y HO		48-55																		,,,,,,,,				
OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	30 001030	HONTH : HAY		41-47 4	•																					
E WIND VATIONS	0,50		:																			1111111				
SURFAC Y OBSER				3 34-40																		mini				
ENCE OF			WIND SPEED IN KNOTS	28-3				9	1.													1111111	7.			
[t			ND SPEE	22-21		•																1111111				
ENCY OF	62.4	200	IR	17-21			7	5.2	4.7	1			•2									1111111	10.6			
E FREQUENCY	MAKE TOLAND		• • • • • •	11-16		.1	1.7	20.9	21.6	163	3	•2	1.8	1.							• 1		48.2			
P ERCENTAGE	0.034	.		7-10	7	.1	1.7	4.6	14.4	3.7	8.	S.	8		-	•2	1				•••••••••••••••••	MINIMI MINIMI MINIMI	27.5	828		
ď	STATION S			9-	4	-1	8	25.4	3.9	2.5	7.	\$	2.1	1.						.2		1111111	111.7	NS:		
BRANCH	/ICE/MAC	ļ.		t E-						5						1				The same and same	•	1111111	.	OBSERVATIONS	ì	
ATOLOGY	HER SERVICE		_						_	_						_								9	ı.	
GLOBAL CLIMATOLOGY BRANCH USAFETAC	WEATHER			DIPECTION (OF GRE ES)	2	NNE	NE	ENE	3	ESE	SE	SSE	S	SSW	NS.	R S R	3	KNE	38 22	NNE	VARIABLE	CALM	TOTALS	- NUMBLR	***************************************	i i
GLOB	AIR WEAT						1	4		f			•			1	1	****				5	F '	TOTAL	1	i Ł
		:			:		1				*		1	- Mary and the second			***		!	i		†	,	1	:	ļ

This winds This T	USAFETAC AIR WEATHER SERVICE / MAC	LOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS
OLÁBECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-80 41-17 48-55 6E 56 100 COGGE ES) N		STATION NAME: WAKE ISLAND 77-86 HOURS (LST):
Older 1-3 4-6 7-10 11-11 17-21 22-27 28-33 34-40 41-47 48-55 61-59	:	MIND SPEED IN KNOTS
N N N 1 1 1 1 1 1 1		-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56
NIME		.1
NE 2 1.2 2.3 .3 .3 .4 .1 .2 .3 .4 .3 .3	NNE	5 8
Fire	38	1,2 2,3 ,3 4,1
ESC	ENE	.3 4.8 9.7 .2 34.8 14
SE -7 2.6 2.2 -1 5.6 10 9 SE -8 1.3 1.2 -1 2.8 7 SS -8 -1 -2 - 4.0 9 NSM -3 -1 -2 - 1.0 - 1.0 - WMM -1 -1 -1 -1 -3 -4 10 -3 -4 10 -3 -4 10 -3 -4 10 -3 -4 10 -3 -4 10 -3 -4 10 -3 -4 10 -3 -4 -3 -3 -4 -4 10 -3 -4 -3 -4 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3<		7.2 24.9 8.4 .3
1.3 1.2 2.8 7		2.6 2.2 .1 5.6
1.3 1.3 .2 .2 .2 .4.4 1 .6 1.6 2.1 .1 .1 .3 .3 .1 .1 .1 .1 .1 .3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	SE	2.3 1.2
.5 1.6 2.1 .1 .7 .8 .3 .4 .9 .7 .3 .4 .3 .4 .3 .4 .3 .4 .3 .4 .3 .4 .3 .4 .3 .4 .1 .1 .1 .1 .1 .1 .3 .4 .1 .3 .4 .4 .1 .1 .4 .5 .1 .4 .4 .1 .4 <	SSE	1.3 .2
.3 .1 .2 .3 4 .1 .1 .1 .1 .2 .1 .1 <t< td=""><td>٠ •</td><td>1.6 2.1 .1</td></t<>	٠ •	1.6 2.1 .1
• 1 • 1 • 3 • 6 • 6 • • • • • • • • • • • • • •	MSS	.1 .2 , ,7 8
.1 .1 .1 .2 .2 .10 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	AS	₹ £°
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	KSM	•1 •1 •3 6
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.1 .1	NR	.1 .1
77777777777777777777777777777777777777	MNN	.1.
	VĀRIĀĒLĒ	•••••••••••••••••••••••••••••••••••••••
.1 5.7 21.7 53.3 18.6 .6 100.0	САГЖ	THE THE THE THE THE THE THE THE THE THE
	TOTALS	1 5.7 21.7 53.3 18.6 .6 100.0

CLIMATOLOGY BRANCH PERCENTAGE FR

A THE WATER SERVICE/MAKE STATION NAMES: WAKE ISLAND DIRECTION DIRECTION 1-5 4-6 7-10 11-16 17-21 22-7 28-73 13-40 41-11 48-55 6-55 17-14 11-15 11-1	STATION NUMBER: 912450 ST DIRECTION 1-3 4 (DEGREES) 1-3 4	110N NAME 6 7-10 1	NAKE ISLA 11-16 2.4 20.4 24.2 2.6	#IND #IND -21 2			1 1	
HOM714: p47 HOLD 51120-1700	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 7-10 .1	11-16 20.4 20.4 24.2 24.2	#IND -21 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
UIRCOTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 49-40 61-67 62-27 28-33 34-40 41-47 49-40 61-67 62-27 28-33 24-20 24-27 28-33 24-20 24-27 28-33 24-20 24-27 28-33 24-20 24-27 28-33 24-20 24-27 28-37 28-20-40 28-27 28	DIRECTION 1-3 4 (DEGREES) KNE NE ENE ENE	1 2 1	11-16 .2 2.4 20.4 24.2	17-21 2 17-21 2 1		MONTH: HAY	1): 1500-1	700
VEX. SET SET <td>CDEGREES)</td> <td>1 2 2</td> <td>2.42</td> <td></td> <td>ED IN KNOTS 7 28-33 34-41</td> <td>-8\$ /b-I\$</td> <td>TOTAL</td> <td>MEAN</td>	CDEGREES)	1 2 2	2.42		ED IN KNOTS 7 28-33 34-41	-8\$ /b-I\$	TOTAL	MEAN
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.1 2 1.7 2.4 .7 .1 5.2 1.5 14.2 14.2 14.2 11.5 15.6 15.6 15.6 15.6 15.7 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.7 15.4 15.7 15.4 15.7 15.2 15.2 15.2 15.2 15.4	1. 1.	1	2 2	٠.			9•	10.2
1		u	2 2				5.2	
1, 1, 2, 1, 3, 24, 2, 6, 3, 2, 2, 2, 38, 7, 13, 4, 4, 2, 6, 3, 2, 2, 4, 2, 6, 3, 2, 2, 4, 2, 6, 3, 2, 2, 4, 2, 2, 4, 2, 2, 4, 2, 2, 2, 4, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,		,	2	• !	•		36.4	14.2
1.6 2.6 .5 5.3 11.8 1.4 .4 .4 .4 .4 .4 .4 .4				•	.2		38.7	13.4
4.0 8,4 4.0 8,4 4.0 8,4 4.0 8,4 4.0 8,4 4.1 4,4 4.2 9,9 4.3 1,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4				5•			•	•
4.4 3 9.9 2. 2 4 1.4 4 4 1.4 4 4 1.0 4 4.3 9.9 2. 2 4.5 5.0 1.0 9.4	SE						0 • h	•
.6 2.4 1.0 .4 9.9 .2 .4 .4 .4 .2 5.0 .2 .1 .4 .2 .2 4.5 ABUE .4 .2 .6 6.0 .1////////////////////////////////////	żss						2.1	•
4 bl E	- S			*			4.3	•
.2 5.0 .2 6.0 .1 .4 .2 .5.0 .4 .5 .7.3 .4 .5 .7.3 .4 .5 .7.3 .5 .7.3 .6 6.0 .7 .7.7 .8 .2 .4.8 .2 .6.4 .50	ass	2						•
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4.5 4.5 4.4 5.2 4.8 ABLE (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	HSH	.2					•2	5.0
ABLE	·	.2					•2	•
48LE 4 .2 6 6.0 ABLE 1000000000000000000000000000000000	KNW							
ABLE	MN						• 5	•
ABLE (1/1/1/17/17/17/17/17/17/17/17/17/17/17/1	MNN	•					9•	0.9
4.8 24.4 52.3 16.4 1.9 100.00 100	- >							
S .2 4.8 24.4 52.3 16.4 1.9	,	mmmen.		mmm.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	THURST THURST THE STATE OF THE		mm
	- 	İ	ĺ	16.4	1.9		100.0	12.9

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NATION ANTE: WARE 134.AND PERIOD OF RECORD: 17-86 180-2000		AIR WEATHER SERVICE/MAC	
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 91-97 84-55 65 91744 MRAN	STATION NUMBE	TATION NAME: WAKE ISLAND	- 1
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 44-55 65 56 50 10.14 11.24 11		VIONE NI CHARACTER CONTRACTOR CON	:
1. 1	DIRECTION (DEGRE ES)	1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55	56 TOTAL
1. 1. 1. 1. 1. 1. 1. 1.	Z	ξ. δ.	1.3 6.0
1.3 6.4 22.6 7.1 1.2 37.9 13.7 37.9 13.7 33.7		• 3	
1.2 2.2 2.2 3 4.6 6.6 4.5 13.0 1.2 2.1 1.3 3.3 3.3 3.1 4.5 3.1 4.5 3.1 1.2 2.1 1.3 3.3 3.3 3.1 3.1 4.5 3.1 3.1 1.1 2.2 1.3 2.5 2.3 3.3 3.1 3.1 3.1 1.2 2.3 3.3 3.3 3.3 3.1 3.1 1.3 2.4 3.1 3.1 3.1 3.1 1.4 2.7 2.2 2.5 2.5 3.1 3.1 1.5 0.5 2.5 2.5 3.5 3.5 3.1 1.5 0.5 2.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NC	1.3	11
1.2 2.1 1.3 6.2 8.8 4.5 6.8 13.0 15.8 13.0 15.8 13.0 15.8 13.0 15.8 13.0 15.8 13.0 15.8 15.8 15.8 15.8 15.8 15.8 15.8 15.8	CNE	.3 6.4 22.8 7.1	13
1,2 2,1 1,3	Ð	8.3 28.1 4.6	
-1 .2 1.4 .3 .3 .2 .1 8.4	FSE	.2 2.1	8
.1 .5 .1.3 .5 .3 .2.4 10.4 10.4 10.4 10.4 10.4 10.4 10.4 10	. SE	• 6 • 3	6
-1 -2 -13 -3 -3 -12 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8	SSE	1 - 4	
.5 .3 .3 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5		1.3 .5	
.1 .1 .1 .2 .2 .5 .3 .3 .5.71112 .7.0112 .7.0112 .7.0		.3	
.1 .1 .1 .1 .2 .2 .7.0 .1 .1 .1 .1 .2 .2 .6.0 .1 .1 .1 .1 .2 .2 .8 .5.9 12.4 1.7 .3 .11111 OF OBSERVATIONS: 869	MS		5
.1 .1 .1 .2 7.0 .1 .1 .1 .1 .2 7.0 .1 .1 .1 .1 .2 .2 .2 6.0 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	RSA	E. e.	3 5
.1 .1 .1 .2 7.0 .2 7.0 .1 .1 .1 .1 .1 .1 .1 .1 .2 6.0 .2 6.0 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 6.0 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2			
.1 .1 .1 .2 6.0 .1 .1 .1 .1 .1 .2 .6.0 .1 .1 .2 .8.9	KNN		-
.1 6.7 22.8 55.9 12.4 1.7 .100.0 12.5 OF OBSERVATIONS: 869	32	1	
.1 6.7 22.8 55.9 12.4 1.7 .3 ////// 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	RNK		
.1 6.7 22.8 55.9 12.4 1.7 100.00 12.5 10.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	• ;		
.1 6.7 22.8 55.9 12.4 1.7 100.0 12.5 OF OBSERVATIONS: 869	CALM	THE THE THE THE THE THE THE THE THE THE	
OF OBSERVATIONS: 869	TOTALS	6.7 22.8 55.9 12.4	
OF OBSERVATIONS:			
	TOTAL NUMBER	OF OBSERVATIONS:	
	,		

ATTOK NAME: WAKE ISLAND PERIOD OF RECORD: 77-86 100-2300	GLOBAL CLIMA USAFETAC	GLOBAL CLIMATOLOGY BRANCH USAFETAC	PERCENTAGE		FREQUENCY	0F	OCCURRENCE OF SUR FROM HOURLY OB	FACE WIN	SURFACE WIND DIRECTION VERSUS OBSERVATIONS	ON VERSUS	WIND SFEED		
STATION NUMBER 9 5 24 5 5 5 1100 FAME 154.00 DIRECTOR 1-3 F-6 7-10 11-16 17-21 22-7 28-73 34-0 41-7 48-55 6F 56 1711 FF 100-2200 DIRECTOR 1-3 F-6 7-10 11-16 17-21 22-7 28-73 34-0 41-7 48-55 6F 56 1711 FF 100-2200 NEW 1987 FOR 2-4 1-6 2-6 3 6-9 11-5 6-9 11-5 11-5 11-5 11-5 11-5 11-5 11-5 11		SERVICE/MAC			i								
NEW NEW	, (;	TION NAME:			0		<u> </u>	ERIOD OF HONTH: HA	RECORD:	Ί	0-230	
Direction 1-3	•	-		•		DIN	IN KNOTS	•	•	•			
No. No.	DIRECTION (DEGRE ES)	1-3		11-	7	7-21 2	28-33		Ì				IND
NE 1.2 1.5 1.6 9. 3.1	2										•	:	5.0
FINE FINE FINE FINE FINE FINE FINE FINE	RNE		2	2	-						}•	8	•
FYE	N.		3 1	2		•					3.(11.8
FSE	FNE				7.4	6.2	6.			•	31.		13.4
SE 2.4 1.6 2.6 3.7 1.5 7.7 7.7	3				7.0	4.7					•	m	•
-1 -5 -11 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5			Ì			.3					6.9	٥	•
.1 .5 1.1 .5 .8 .5 .5 .6 10.0 .1 .1 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SE	,		S	•2	•1					10.5	5	7.7
15 .15 .1 .7 7.7 11 .5 .1 .5 .1 .1 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SSE			8	•5						1 • (5	9.2
.1 .5 .1 .1 .5 .1 .1 .1 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	v	1	5	-	•5	•5					2.6		0.01
.1 .5.0 .1 .1 .5 .1 .5.0 .1 .1 .5.0 .1 .1 .5.0 .5 .5.0 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	ASS			5	1.						,,	7	7.7
.1 5.0 .1 .2 .3 8.0 .1 .2 .3 8.0 .1 .2 .3 8.0		-1		5		,					•	_	•
.1 .2 .3 8.0 .3 .3 8.03 8.03 8.03 8.03 8.0	ASS		.1								•	-	5.0
.1 .2 .3 8.0 ////////////////////////////////////	38	1	• 1								1.	_	5.0
.1 .2 .3 8.03 8.0	304												
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.6 9.1 26.9 49.8 12.4 .9 11.9 OF OBSERVATIONS: 886	302	1		2							•	m	• 1
.6 9.1 26.9 49.8 12.4 .9 100.0 11.9 0F OBSERVATIONS: E86	VARIABLE				•								
0F 06SERVATIONS: 886	САСН		minni	mm	mm	TITITI	, minimum,	mmm	comment.	mmm			
OF OBSERVATIONS: 886	TOTALS	t			i a	12.4	6.				1.00.		6.11
OF OBSERVATIONS:			:	:							•		1:
	TOTAL NUMBER		;			`							
				ı									

STATION NUMBER:									7	
	3: 912450	STATION	AAME:	WAKE ISL	ISLAND			PERIOD OF RECORD: MONTH: MAY HO	D: 77-86 HOURS (LST):	ALL
•		•	•	• • • • • • •	ONIR	SPEED	IN KNOTS	•		
DIRECTION (1-3	9-4	7-10	11-16	17-21		28	41-47 48-55	GE 56 TOTAL	HEAN
2		3	2	0	0				•	.6 6.9
HNE		• 5	•2	• 1					•	T.T #.
NE NE	0	3	1.2	1.8	*	0.			• #	7.11 0.
FNE	0	8	5.9	18.8	6.8	7.			33.1	1 13.6
	1	2.4	11.4	25.3	5+3	.2			L* 55	7 12.4
rse.	•	1.6	2.5	2.1	٠3	0			•9	9
SE		-7	1.4	۲.	•1				2.	9 8.8
SŞĘ	0.	• 5	6.	3.	0.				1.	.8 8.
8	0	9•	1 • 4	1.2	•3			•	M	.6 10.3
MS S	0.	•2	25	•2					•	.7 8.6
AS	0•	• 1	-2							3 7.0
HSH	D	-2	.1						•	3 6.1
26		1.	0.						•	.1 5.7
388		0.		0.					•	T.7 0.
7	1	• 1	•1	0					•	.2 7.3
MNN	0.	-5-	F-	0.					•	.3 6.2
VARIABLE		•								•••••••••
CALM	The state of the s	11111111	11111111		minni	111111	mmanna		•	111111 4
TOTALS	3	6.5	25.8	50.7	13.2	1.0			100.0	0 12.1

STATION NUMBER:	R: 912450	STATION NAME:		WAKE ISL	SLAND		PERIOD 0	F RECOR	- 1	
•			• • • • • • •					NUC	리:	51): 0000-0200
	i		3.		- 1	SPEED IN KNOTS			Ì	
(DEGRE ES)	5-1	3-4	nr-/	11-16	17-11	22-21 28-33	75-15 D5-55	48-55 GE	56 101A	
22	1	.1						• • • • • • • • • • • • • • • • • • • •		.2 3,5
NNE				•2					•	.2 12.5
NE.	2.	•5	1.2	.7					2.6	
ENE	2.	2.5	7.7	13.0	2.8				26.2	.2 11.7
<u> </u>	-1	3.B	18.4	27.8	1.3	.1			51.6	6 11.2
ESE		2.9	6.9	2.6					12.6	6 8.3
SE		• 5	1.2	.2		•1			2.	0.6 0.
SSE			•2						1.	•G 5•B
S		•5	1.	•1					•	7.7.
SSH	- aggregate dede	.1	3.		-2				•	.7 11.2
MS										
KSW	1								•	.1 1.0
TE .		•1					,		•	•1 5.0
KNM									•	.1 3.0
i i			•1						•	.1 10.0
MNN	1	• 1							•	.1 6.0
VARIABLE							•			
CALM	munitaritinanananananananananananananananananan	iiiiii.	THILLIAN TO	THILLINE.	THILLI.		<i>mmmm</i>	The state of the s	9.1 ////	9 111111
TOTALS	1.1	11.8	56.2	44.7	4.3	•2			100.0	0 10.5

STATION NUMBER: SERVICE/MAC STATION NAME: WANE ISLAND PERIOD OF RECORDS STATION NAME: WANE STAND STATION NAME WANE WANE STAND STATION NAME WANE WA	
NUMBER 912450 STATION NAME: WAKE ISLAND WIND SPECE IN KNOIS	
DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 OLOGRES	PERIOD OF RECORD: 77-86 MONTH: JUN MOURS (LST): 0300-0500
Note	
FINE 1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	41-47" 48-55 GE 56 TOTAL MEAN 2 WIND
FINE	
FNE	•1 5•0
ENE .6 1.2 8.5 11.8 E .1 5.0 24.5 19.9 FSE .6 4.5 7.0 2.2 SE .1 .6 .1 SSE .6 .1 SSW .1 .1 .1 W .1 .1 .1 W .1 .1 WW.MAY HAW HAW HAW TOTALS 1.08 14.2 41.8 35.9	1.68 11.1
FSE	24.2 11.º4
FSE	51.4 10.q
SSE	14.3 7.8
SSW	3.4 9.0
SSW .1 .1 .1 SW .1 .1 .1 W .1 .1 .1 W .1 .1 .1 W .1 .1 WW .1 .1 .1 WW .1 .1 .1 WW .1 .1 .1 CALM .1 .1 .1 TOTAL S .1 .8 .1 .2 41.8 35.9	5.8
SSW .1 .1 .1 W .1 .1 W .1 .1 .1 W .1 .1 W .1 .1 .1 W .1	40 th . T.
ым	•7 14•0
ияи ии ии ии ии саги ////////////////////////////////////	.1.00
им им им им им им им им им им им им им и	•3 6•0
ИМ НИИ VARIABLE VARIABLE TOTALS 1-8 14-2 41-8 35-9	• 3 4 • 0
NW HARIAGLE THE TOTALS TOTALS 15.9	
UARIABLE ///////////////////////////////////	
VARIABLE (A.1.)	
111111111111111111111111111111111111111	
LS 14.2 41.8 35.9	11111 3 1 11111111111111111111111111111
S 1.8 14.2 41.8 35.9 4.8	// 501
	100.0
TOTAL NUMBER OF OBSERVATIONS: 685	

AIR WEATHER SERVICE/MAC STATION NUMBER: 912450 STATION NAME: DIPLOTION 1-3 4-6 7-10 (DEGRELS) 3 3 8 N N N N N N N N N N N N N N N N N	#AAK	21 22-27 28-33 34-40 21 22-27 28-33 34-40 21 23-5	PERIOD OF RECORD: 77-86 MONTH: JUN HOURS (LST): 060 41-47 48-55 GE 56 TOTAL 2.	0-0800
D19ECTION 1-3 4-6 7-1 (DEGRELS) N 3 N N S N N N S N N N S N N N N N N N	11-16 17 3 3 8 .8	21 22-27 28-33 34-40 21 22-27 28-33 34-40 2.6 3.9	41-47 48-55 GE	z a
DIPECTION 1-3 4-6 7-1 (DEGRELS) N MNE NE THE THE THE THE THE THE TH	.8	21 22-27 28-33 34-40 21 22-27 28-33 34-40 22.6 3.9	41-47 48-55 GE 56	HEAN
N	24.1	2.6		
NE .1 .98	14	6 8		.3 5.0
NE . 1 . 8	14	1. 9. 6. 7.		.5 6.8
. 1. 1.8		9 6 V		2.6 9.1
		6 4	2	25.3 12.0
E i .1 3.2 17.7	7 25.9		.	50.8 11.4
ESE	8 2.3	•		12.7 8.6
9•				3.0 8.4
.1 .5	.4			1.2 7.1
.3	.4	•1		9.6 6.
		.3		.8 11.2
	. 1			.5 6.3
!				•1 5•0
				4.0
WNW .1	,			.1 4.0
32				
NNN	.1			.1 7.0
VARIABLE				•
CALM TITITITITITITITITITITITITITITITITITITI			интиппитити	1.11/ 0.1
TOTALS 1.0 12.1 34.0	0 44.3	7.4	1[100.0

STATION HOUSE F 912450 STATION AME: WARE TSLAND DIRECTION NOTITION HOUSE F 913450 STATION AME: WARE TSLAND NOTITION HOUSE F 913 STATION AME: WARE TSLAND DIRECTION NOTITION HOUSE F 913 STATION AME: WARE TSLAND NOTITION HOUSE F 913 STATION AME: WARE TSLAND NOTITION STATION AME: WARE TSLAND NOTITION STATION AME: WARE TSLAND NOTITION STATION AME: WARE TSLAND NOTITION STATION AME: WARE TSLAND NOTITION STATION AME: WARE TSLAND NOTITION STATION AME: WARE TSLAND NOTITION STATION AME TSLAND NOTITION	STATION NUMBER: 912450 STATION DIRECTION 1-3 4-6			A.	FROM HOURLY OBSERVATIONS	STEED
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 10/41 H H H H H H H H H H H H H H H H H H H	DIRECTION 1-3 4-6	-	1		CORD: HOURS	
1.5 % 6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 1044, WIND 17-17-17-17-17-17-17-17-17-17-17-17-17-1	h I-3 th			E	IN KNOTS	•
-2 -1 -2 -1 -6 -1 -1 -6 -1 -1 -6 -1 -1 -1 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	1 1010101	11			28-33 34-40 41-47 48-55 GE 56	
1.4 6.1 15.8 4.8 .1 3.0	Z- N					-2
1.4 6.1 15.8 4.8 .1 28.1 1 1.5 10.9 29.8 6.2 .5 .5 48.7 1 2.5 4.4 2.9 .4 .1 8.2 1 1.7 2.5 1.5 .2 .1 5 .2 .2 1.1 .5 .5 .2 .1 1.9 .4 1.0 .2 .1 1.0 .2 1.3 1.0 .2 .1 1.0 .2 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0						
1.3 10.9 29.8 6.2 .5 44.8 .1 48.7 1 2.5 4.4 2.9 .4 .1 8.2 1 1.2 2.5 1.5 .2 2.5 .1 8.2 1 2.6 .5 .2 .2 .1 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		1.7	9•	•1		
1.3 10.9 29.8 6.2 .5 2.5 4.4 2.9 .4 .1 3.6 2.5 1.5 .4 .1 3.7 1.0 .2 .2 3.4 .5 .5 .1 1.3 3.4 .5 .5 .1 1.4 3.4 .5 .5 .1 1.4 3.4 .4 .5 .5 .1 1.4 3.4 .4 .5 .5 .1 1.4 3.5 .1 1.4 .5 .5 .1 1.5 .7 1100.0 1		6.1	80	1.8	• 1	
1.2 2.5 1.5 3.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.3 5.3 5.3 5.3 5.4		10.9	. 8	5.2	5*	
1.3 1.0 .2 2.5 1.5 2.5 1.5 2.5 1.3 2.5 2.5 2.6 2.6 27.6 51.5 11.5 .7 100.0 1		ħ• ħ	• • •	*	• 1	-2
1.3 1.0 .2 1.3 1.3 1.0 .2 1.3 1.3 1.4 .5 .5 .1 1.4 1.4 .5 .5 .1 1.4 1.4 .5 .5 .1 1.4 1.4 .5 .1 1.4 .4 .5 .1 1.4 .4 .4 .5 .1 1.4 .4 .4 .4 .5 .1 1.5 .7 1.00.0 1		2.5	1.5	*		
.1 .5 .5 .14661461444444444	-		•2			7
.1 .5 .5 .1 .6 .6 .6 .1	S	\$.	•2			
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. 4 5						3
.1 6.6 27.6 51.5 11.5 .7						\$ \$
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.1 6.6 27.6 51.5 11.5 .7	KNW					
.1 6.6 27.6 51.5 11.5 .7	MI					
.1 6.6 27.6 51.5 11.5 .7	WNN	Anderstandig and selection of the select				
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.1 6.6 27.6 51.5 11.5 .7		THE THEFT	,,,,,,,,,,	minni.	THE THE PROPERTY OF THE PROPERTY OF THE PARTY 11111	
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1.5 5.5 11.5 5.7 28-33 34-40 1.1	C CLERKE CAR	USAFETAC FROM HOURLY OBSERVATIONS
STATION NUMBER: 912450 STATION AAME: MAKE ISLAND OTERCTION OTERC		
DIRECTION ODERCYTON N -1 -2 -4 -1 NNIC ENE NA NIC -2 -4 -1 -1 -5 -7 1.5 -4 NNIC ENE NA NNIC NN	ı	STATION NAME: WAKE ISLAND
UDEGRECISAL 1-5 4-6 7-10 11-16 17-21 22-77 26-33 34-40 41-47 48-55 6E 56 1074L 106RCCTSAL 1-1 1-2	• '	"IND SPEED IN KNOTS
N N N N N N N N N N	DIRECTION (DEGRE ES)	4-6 7-10 11-16 17-21 2 ₂ -27 28-33 34-40 41-47 48-55 GE 56 TOTAL x
NINC	z	.1 .2
NE NE NE NE NE NE NE NE	;	
FNE	NE	,7 1.5 .4
F 1.8 9.1 27.4 7.5 .5 .5 .5 .5 .5 .5 .	ENE	.1 1.5 5.5 17.5 5.7 .2
SE	u	9.1 27.4 7.5 .5
SSE SSE SSE SSE SSE SSE SSE SSE SSE SSE		1 .8 2.1 3.7 .4 .1
SSF	1	2 2.5 1.6 .1 4.4
SSW -1 - 1 - 2 - 2 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	SSE	1,4 ,2
SSW	S	1.1 .4
KSH KNW NK NNK NNK TOTAL NUMBER OF OBSERVATIONS: 855	MSS	.1 .2 .2
K KW KW KW KW KW KW KW KW KW KW KW KW KW	AS	6°
NH NHS NHS NHS NHS NHS NHS NHS NHS NHS N	RSH	
NN NN NN NN NN NN NN NN NN NN NN NN NN		• 1
NNIS VARIABLE CALM 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	ANA	
VARIABLE CALM ///////////////////////////////////	NE	
VARIABLE	ANN	
CALM	VARIABLE	•••••••••••••••••••••••••••••••••••••••
-2 8-7 23-2 53-0 14-2 -0		
OF OBSERVATIONS: 855	TOTALS	2 8.7 23.2 53.0 14.2 .8
OF OBSERVATIONS:		
		OBSERVATIONS:

STATION NUMBER: 912450 STATION KAME DIRECTION 1-3 4-6 7-10 (DEGRELS) N N N N E E E E E E E E E E E E E E E	#ANKE ISLAND #IND SPEED IN KNOTS ##ONTH: JUN ##ONTH: J	10: 77-86 HOURS (LST): 1500-1700 GE 56 TOTAL MEAN 6 8.0 6 8.0 6 8.0 5 8.3 5.7 11.0 31.1 13.1 42.7 13.0 8.4 11.5 1.5 6.3
DIRECTION 1-3 4-6 7-1 (DEGRELS) 4-6 7-1 N N N NE NE NE NE NE NE SE SE SE SE SE SE SE SE SE SE SE SE SE	### ### ### ### ### ### ### ### ### ##	5.7 31.1 42.7 8.4 5.0 5.0
1-3 4-6 7-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1	11-16 17-21 22-27 28-33 34-40 41-47 48-55 4	56 TOTAL 2 66 65 7 31.1 42.7 8.4 5.0 5.0
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	27.4 5.0 .5 4.8 .1 1.8	31.1 42.7 8.4 5.0 1.5
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	3.0 .1 15.9 6.1 27.4 5.0 4.8 .1	
10.1 10.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.0 .1 15.9 6.1 27.4 5.0 4.8 .1 1.8	
1.01 1.01 0.1 0.1 0.0	15.9 6.1 27.4 5.0 4.8 .1 1.8	
1.1	27.4 5.0 4.8 .1 1.8	
.1 .8 .1 .9	1 . 8	
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CALM TITUTITITITITITITITITITITITI		111111
TOTALS .4 7.0 26	26.8 53.9 11.3 .6	100.0 12.2
TOTAL NUMBER OF OBSERVATIONS: 767		

The colors of the color of th	GLOBAL	L CLIMATO	GLOBAL CLIMATOLOGY BRANCH USAFETAC		P ERCENTAGE	E FREQUENCY	OF	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS	F SURFACE	WIND DIR	ECTION V	ERSUS WIND	SPEED	
Direction 1.5 4-6 7-10 11-16 17-21 22-27 26-13 31-60 41-47 46-55 6F-56 OTH RENN 15-60	OTTATO	CALDER OF	AVICE/MAC	C111100	ļ	i	ļ			PERTOR	06 96 00	200		
Direction Dire	1		004314	2011410	:	¹ :			1 0	HONTH	NDT .	HOURS (LST	1: 1800-2	000
NEC 1.1 1.2 1.5 1.5 1.7	30)	1 '	1-3	9-4		O	#IND	SPEED IN KI	33 34-4[1 41-47	48-55	GE 56	TOTAL	MEAN
NIME 1.1 1.2 1.6 1.1 1.3 1.6 1.1 1.3 1.6 1.1 1.3 1.6 1.1 1.3 1.6 1.1 1.3 1.6 1.1 1.3 1.6 1.1 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.6 1.3 1.3 1.6 1.3	:	•		. 1	. 1				•	•		•	.2	7.5
NE 1.1 1.3 1.6 .1 .2 .3 .6 .2 .3 .3 .3 .3 .3 .3 .3		NUE		• 1	•2	•5							6•	9.6
Full 1.0 7.8 20.0 4.6 .2 .2 .2 .2 .2 .2 .2		NE -		1.1	1.3	•1	•1						4.1	9.7
1 2.2 12.1 28.5 3.4		ENE	We design to the state of the s	1.0	7.8		4.6	2.					33.6	13.0
.1 1.3 4.1 3.2 .2 .2 .2 .1 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .2 .5 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	i i	 	1.	2.2	12.1	• 1	3.4		,				46.3	12.1
.4 .5 .2 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	3	ESE	•1	•	4.1		.2						0.6	9.5
.4 .5 .2 .2 .5 .11.1 .1.1 .1.1 .1.1 .1.1 .		SE	b Airte Chimberle - America Income	-7	1.1	•2				,		•	2.1	7.4
.4 .5 .2 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5		SSE			-2	• 5							.7	10.8
.5 .1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	,	s	7	• 5	•2								1.1	5.1
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .				•2		•2							S.	9.3
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .		MS.		5		.1						•	9.	6.2
.1 .1 //////////////////////////////////	}	MSM	THE COMPANIES COMPANIES	7.	.1								.8	6.5
.1 .///////////////////////////////////			•	•1										D *
.6 8.4 27.4 54.8 8.4 .2 100.0 OF OBSERVATIONS: 821		KNK												
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.6 8.4 27.4 54.8 8.4 .2 100.0 OF OBSERVATIONS: 821	ť	nan ann		•1									-	5.0
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6 BSERVATIONS: 821	CA		uniiiii	THILLIN'S	minn.	mmnn.	mmn.	<i>HILLIANIA</i>	THILLIAN TO	Timm	mmm	mmm	1	111111
OF OBSERVATIONS: 821	10	OTALS	9•	8.4	27.4	1.	8 • 4	•2					100.0	111.1
OF OBSERVATIONS:	•			:	:							•	l •	
	IOTAL			IONS:	821	Carlina de Santo (de la cardo de								

DIRECTION 1-3 4-6 7-1	NAME: WAKE ISLAND 77-86 NAME: WAKE ISLAND TA-86 HONTH: JUN HOURS (LST): 2100-2300	1-2300
1-3 4-6 7	VIND SPEED IN KNOTS	•
	22-27 26	MEAN
S	**************************************	
NNE •1 •2	1.0	6.5
NE5	1.0 1.1 .2 3.0	10.0
ENE 2.2	7.7 16.1 4.6 . 30.6	12.4
£ 2.7	15.0 28.6 3.5 49.8	111.7
TSE 3.4	5.0 1.7	7.8
38	.5 .2	1.6
55.5	6°	6.7
S	.9	6.1
SSW	.2 .1	6.7
h. AS		4.3
WSW		0.4
	•1	7.0
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MN		
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VARIABLE	***************************************	
CALM TITITITITITITITITITITITITITITITITITITI	•• TUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUT	111111
TOTALS .6 11.9	30.2 48.0 6.4 100.0	11.1

PEED IN KHOTS -21 28-33 34-40 41-47 48-55 be 56 101KL -2 2 48.4 -0 10.2 -0 10.2 -0 10.2 -1 28.8 -1 28.8 -1 28.8 -1 28.8 -1 28.8 -1 28.8 -1 28.8 -1 3.3 -	1-3 4-6 7-10 11-16 11-21 22-27 28-33 34-00 11-47 48-55 10 th the second of the	AIR WEATHER SERVICE THAC	ERVICE/MAC										
NECOURE 5 4 - 6 7 - 10 11 - 16 17 - 21 28 - 33 34 - 40 41 - 41 48 - 55 64 - 56 101 41 10 17 - 21 22 - 21 28 - 33 34 - 40 41 - 41 48 - 55 64 - 64 64 64 64 64 64 64	1 3 4 - 6 7 - 10 11 - 16 11 - 21 22 - 27 28 - 33 33 - 40 41 - 47 48 - 55 65 56 101 41 42 52 - 27 28 - 33 33 33 33 33 33 33 3	STATION NUMBER		STATION	NAME:	/M	1 :			1 1	18D: 77-86 HOURS (LST):	ALL	
N N N N N N N N N N	1-3 4-6 7-10 11-16 17-21 25-27 28-33 34-40 41-47 48-55 10 AR 1-47 48-55 10 AR 1-47 48-55 10 AR 1-47 48-55 10 AR 1-48 1-	•	•					SPEED	KNOTS	•	• • • • • • • • • • • •	•	•
N	.0 .2 .1 .0 .5 .1 .0 .5 .1 .0 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .1 .5 .2 .0<	OIRECTION (DEGREES)	1-3	9-4	7-10	11-16	17-21	12-21	8-33	41-47 48-55	6E 56	X	MEAN
IMME .0 .2 .2 .1 .2 .3 .	.0 .2 .1 .5 .2 .3<	2	0	2.4	.1	0			•	1 9	•	4	6.6
CIRE -1 -6 1-1 1-3 -2 -1 -2 -3-3 -3-8	1 6 1.1 1.3 .2 .1 .2 .2 .2 .1 .2 .2 .2 .1 .2 .4 .2 .4 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .3 .3 .3 .2 .0<		'	•2	•2	.1						• 5	•
CIME 1 1.6 7.2 15.6 4.2 .1 28.8 C -1 2.6 14.3 27.1 4.1 .2 .0 48.9 SE -2 2.9 -2 .0	1 1.6 7.2 15.6 4.2 .1 .2 48.4 48.4 48.4 .1 .2 .2 .0 .0 .0 .0 .0 .0		-	9•	1.1	• 1	•2					3.3	10.0
C -1 2-6 14+3 27-1 4-1 -2 -0 48-9 4-1 -2 -0	.1 2.6 14.3 27.1 4.8 48.4 .2 2.9 -2 -0 10.2 .0 .7 1.6 .9 .0 .0 11.4 .0 .6 .5 .2 .1 .0 1.4 .0 .4 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 <	CHE	•1	1.6	7.2	• 1	4-2	•1			CV	28.8	12.6
CSE -2 2.1 4.6 2.9 -2 -0 10.2 SE -0 -0 -0 -0 -0 3.33 SE -0 -6 -5 -2 -0 1.4 SS -1 -7 -4 -1 -0 1.3 SS -2 -3 -2 -1 -8 WSM -0 -4 -1 -0 -5 WN -0 -1 -0 -0 -0 WN -0 -0 -0 -0 -0 WN -0 -0 -0 -0 -0 WNW -0 -0 -0 -0	.2 2.1 4.6 2.9 .2 .0 .0 3.3 .0 .7 1.6 .9 .0 .0 3.3 .0 .6 .5 .2 .1 .0 1.3 .0 .4 .1 .0 .0 .5 .2 .0 .2 .0 .0 .0 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 </td <td>3</td> <td></td> <td>2.6</td> <td>14.3</td> <td></td> <td>4.1</td> <td>-2</td> <td></td> <td></td> <td>4</td> <td>48.4</td> <td>12.0</td>	3		2.6	14.3		4.1	-2			4	48.4	12.0
SSE -7 1.6 9 0 0 1.4 SS SS SS SS SS SS SS SS SS SS SS SS SS	.0 .0<	ESE	2.	2.1	2.0	• !	C.	0.				10.2	9.2
SSE .0 .6 .5 .2 .1 .7 .4 .1 .0 .1 .3 .2 .1 .8 .1 .1 .0 <t< td=""><td>1 .7 .4 .1 .0 1.3 1 .2 .3 .2 .1 .0 .8 .8 .0 .4 .1 .0 .0 .2 .2 .2 .2 .2 .0 .0 .2 .0 <t< td=""><td>SE</td><td></td><td></td><td>1.6</td><td>6.</td><td>0.</td><td>0.</td><td></td><td></td><td></td><td>3.3</td><td>9.1</td></t<></td></t<>	1 .7 .4 .1 .0 1.3 1 .2 .3 .2 .1 .0 .8 .8 .0 .4 .1 .0 .0 .2 .2 .2 .2 .2 .0 .0 .2 .0 <t< td=""><td>SE</td><td></td><td></td><td>1.6</td><td>6.</td><td>0.</td><td>0.</td><td></td><td></td><td></td><td>3.3</td><td>9.1</td></t<>	SE			1.6	6.	0.	0.				3.3	9.1
SSW	.0 .3 .2 .1 .0 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .2 .1 .8<	388	D.	9•		.2						1.4	7.2
SSW	.0 .4 .1 .0 .5 .6 .7 .5 .6 .7 .6 .7 .7 .0 .0 .0 .0 .0 .0 .0 .0 .1 .5 .1 .7 .1 .5 .1 .7 .1 .5 .1 .7 .1 .6 .1 .7 .7 .1 .6 .1 .7 .1 .0 <td< td=""><td>v)</td><td>ا<u>.</u> ا</td><td>7.</td><td>7.</td><td>• 1</td><td>0.</td><td></td><td></td><td></td><td></td><td>1.3</td><td>6.8</td></td<>	v)	ا <u>.</u> ا	7.	7.	• 1	0.					1.3	6.8
SH .0 .4 .1 .0 .2 .0 .2 .0 .2 .0 .2 <th< td=""><td>.0 .4 .1 .0 .2 .8 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .0 <td< td=""><td>3.58</td><td></td><td>2.</td><td></td><td>•2</td><td></td><td>ļ</td><td></td><td></td><td></td><td>80</td><td>•</td></td<></td></th<>	.0 .4 .1 .0 .2 .8 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .0 <td< td=""><td>3.58</td><td></td><td>2.</td><td></td><td>•2</td><td></td><td>ļ</td><td></td><td></td><td></td><td>80</td><td>•</td></td<>	3.58		2.		•2		ļ				80	•
HNW .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .1 .0 <td< td=""><td>AS.</td><td>0</td><td>3,</td><td>• 1</td><td>0.</td><td></td><td></td><td></td><td></td><td></td><td>• 5</td><td>5.6</td></td<>	AS.	0	3,	• 1	0.						• 5	5.6
WHEN TO THE TO THE TO THE TO THE TO THE TO THE TO THE TOTAL TO THE TOTAL TO THE TOTAL TOTA	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	MSM	0	.2	0							•2	5.6
WANTA .0	.0 .0 .0 .0 .0 .0 .1 .1 .2 .0 .1 .1 .2	ts:	0		0.	•	0.					.2	8.4
NAM .0 .0 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .4 .1 .4	.0 .0 .1 .1 .0 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	E S	0	0.								0.	•
NNW .0 .0 .1 5 VARĪABLE	.0 .0 .1 .5 .0 .0 .1 .0 .1 .1 .1 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	3		0•	0•							0.	7.3
VARĪĀBLE (1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	.7 10.2 30.6 48.6 8.9 .4	NNN	; ;	C	0.								5.5
LS .7 10.2 30.6 48.6 8.9 .4	.7 10.2 30.6 48.6 8.9 .4	VARIABLE	•									• !	
.7 10.2 30.6 48.6 8.9 .4	.7 10.2 30.6 48.6 8.9 .4	CALM	minini	THILL.	Time	<i>mmm</i>	minni	minn.	THE THEORY	THE THEORY	mmi		11111
	•••••••••••••••••••••••••••••••••••••••	TOTALS		10.2	30.6	ì	8.9	*			X	0.00	11.4

RINO SPEED IN KNOTS íŠ. 0::6 0.6 7:2 8.9 8.6 9.1 10.7 10.2 9.8 9.5 **4.** 5.0 8.0 6 MEAN 1.11/1/ MINO HOURS (LST): 0000-0200 1.5 12.8 50.5 ** 21.6 2.1 8 ທຸ 8 7 S. 7 7 100.0 PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS TOTAL GE 56 PERIOD OF RECORD: MONTH: JUL HO 48-55 41-47 34-40 28-33 7 * 22-27 3.0 1.8 • 17-21 STATION NAME: WAKE ISLAND 34.0 6.3 6.0 18.5 ٥. s 9 \$ 7 7 11-16 45.3 3 ° 22.9 10.5 2.7 1.4 3 5 7-13 247 15.3 9•9 4.7 ٥ 9-4 GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC ; • STATION NUMBER: 912450 -1-3 VARIABLE . (DEGREES) TOTALS CAL.R NNC 빌 FNE ESE SSE SSW SE KSK 222 SE 2 S, 3

STATION NUMBER:	912450	STATION NAME:	1	WAKE ISLAND	ON C	PERIOD OF REC	RECORD: 77-85 L HOURS(LST): 0300-0500	0500
• • • • • • • • • • • • • • • • • • • •				•	MIND SPEED IN KNOTS			• • • • • • • • • • • • • • • • • • • •
DIRECTION (UEGRE FS)	4 1-3	9-	7-10	11-16	12-21	3 34-40 41-47 48-55	S GE SG TOTAL	MEAN
2			• • • • • •	•				
NNE								
NE	•	*	۴.	•1			1.3	ή•9
ENE	.3	2.2	6.2	7.3	.3		16.3	10.3
	3	1.6	23.8	17.3	9.		8.64	1.6
ESE	9.	5.1	10.4	8. 4			21.0	8.5
SE	3	6.	3.4	٥.			身·S	7.8
JSS		3.		*			1.6	8.2
S		۴.	1.2	• 3	•1		1.9	9.0
ASS				•3			.3	12.5
NS.			•1				-	8.0
1								
3			6.				6.	8.8
ANN								
MU	1.						.1	3.0
3 2 2		-						
The state of the s	_				• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • •
ABLE								
CALM	1						7.1	/////
TOTALS	2.2	17.0	47.0	31.6	1.0		100.0	9.5
		:			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•	
IOTAL NUMRER	OF OBSERVATIONS	vs:	681					

SPEED	77-86 LSI): 0600-0800		TOTAL HEAN	.3 7.0	.1	1.3	14.9	48.4	20.7	9.4	2.6	2.1	• 5	.1	•3	80	3.	7.	•3		111111 95		
ISUS KIND	URS	•	6E 56														:			•			
CTION VER	ECOR	:	48-55																	•			
IND DIRE	PERIOD OF R MONTH: JUL		41-47																				
SURFACE WIND DIRECTION VERSUS OBSERVATIONS			34-40																	•			
OCCURRENCE OF S FROM HOURLY		• ==	28-33																				
		WIND SPEED	72-27																	•			
FREQUENCY OF	ISLAND		17-21				1 2.1	1.9	*	80	8	1								•		8-8-	
- 1	VAKE I	•	11-16	1	,	6 .3	5 8.1	21.9	3 5.0	1.8	8.	5 • 5	1.	1	3	9	3						
PERCENTAGE	ON NAME:		7-10	1		7	3.6	4 19.9	5 10.3	5 2.9	5 1.1		7	•		1 (1	3			40.6	799
NNCH	STATION		S-#			٠	3	7 4 4	5 4+5	1.6	.5	1.0				[•		r.	•	• • • • •		14-1	 OBSERVATIONS:
OLOGY BRI	R: 91245í		1 1-3						5.	11										9.0.0		1.5	OF OBSER
GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/HAC	STATION NUMBER: 912450		DIRECTION (DEGREES)	• '	NNE	NE	FWE	3	ESE	SE	SSE	s !	NSS	SW	HS:	tr	WNE	32	NN	0 1 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	VARIABLE	TOTALS	TOTAL NUMBER (

6 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1-3 4-6 7-10 11- 1
110 NA 11	112450 STATION NA 1-3 4-6 7- 1 .6 3 .3 .3 .3 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9
	11-3 -1 -1 -1

11.8

100.0

.5 111111

THE THE PROPERTY OF THE PROPER

11:1

50.2

30.5

.6 7.2

CALM TOTALS

GLOBAL CLIMATOLOGY BRANCH	OGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS
AIR WEATHER SE	
STATION NUMBER:	912450 STATION NAME: WAKE ISLAND
	••••••
DIRECTION	22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL
Z	6 7.0
1.1	.1 .2 .1
NE NE	, g• 9•
TWE	.6 5.1 8
ŭ	
FSE	1.0 6.1 5.6 1.0 .1
S£	1.1 4.4 3.9
	.5 1.8 1.6 .3 4.2 10.4
S	1,0 1,6 .5 .5 .5
HSS	.5 .1 .2 .2
84. 84.	.2 .5
MSM	4°9 8°
ie.	.2 .1 .5
AN.	.2 .1
RNA	•1 •3 •7 10•8
CALM	MINITERINAL PROPERTY OF THE PR
TOTALS	.3 6.9 32.0 49.0 11.1 .6 .11.9
TOTAL NUMBER (IOTAL NUMBER OF OBSERVATIONS: E80

RANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS	
ULOSAL CLIMATOLOGY BRÂNCH USAFETAC	AIR WEATHER SERVICEZHAC
<u> </u>	İ

						HONTH:	MONTH: JUL HOURS (LST):	11: 1500-1700	1700
				3	ND SPEED IN KNOTS				•
OIPECTION !	1-3 4-6	7-10	11-16	17-21	12-2	34-40 41-47	48-55 GE 56	TOTAL	E IND
:_		.1 .7				•	•	1.0	8.0
NNE		. h.							7.3
38	ng balang de Bran ; Manageryran sa	.4 1.6	1.1	-1				3.2	10.0
ENE	Andrew - depressed - de de voe	.2 5.4	9.8	8.2	• 1			20.4	13.5
		1.0 13.1	25.7	9.4	•			44.5	12.3
ESE		P. 5.4	2•5	1-1				12.1	11.7
SE	-	1.0 5.4	3.0	.2	.1			9.6	10.0
3 S E	1	1.1 1.2	1.0	2				3.6	9.4
·	1	7. 4.		.1	. 1			1.6	7.6
SSW	1	.5	•2					6.	7.7
35							(#	9.3
MSM	Chinagonam - Aligniya A. Army - Alba - 1	.2 .2						9.	7.4
 		.2 .2					,	9•	7.4
MNM		•							9.0
3 2					•				
Z NY		.1 .1	.1					5	8.7
VARIĀBLE	• • • • • • • • • • •				***************************************	•			
CALM IZ	nnininini.	mmm	<i>HILLIAN</i>	Summe	THE TRANSPORT OF THE PROPERTY	Manney Comments	mmmmm	7:	111111
TOTALS	.2 6	6-1 35-1	46.8	11.2	*•			100.0	11.8

809

USAFETAC	PEPCENTAGE FREQUENCY OF OCCURRENCE OF S	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS
STATION NUMBER: 912450 STATION	ON NAME: WAKE ISLAND	PERIOD OF RECORD: 77-86 HONTH: JUL HOURS(LST): 1800-2000
	E QJAS OHIR	
DIPECTION 1 1-3 4-6 (OFGRES)	2 12-22	34-40 41-47 48-55 GE 56 TUTAL MEAN
	2. 2.	υ φ
'NE	2 • 4	4° 2 9°
	o4 . 6 . 8 . 1	1.9 10.6
INE	.2 5.1 10.6 2.9	19.8 12.2
E	4 16.4 27.5 3.9	50.3 11.6
ESE 2.4	.ቁ 6 .3 ዓ.5 .5	13.8 9.8
SC	.7 3.5 1.5 .1	5.8 9.3
	• 35	1.8 10.0
s		2.6 8.8
n'ss	oq ol	0.6 8.
สร	.1 .7	E . 8 .
HSM		.2 7.0
9)		.2 7.0
Main		
22		
HRK	7	0*8 5*
VARIABLE		
CALM TITITITITI	Manda and the control of the control	THE STATE OF THE S
TOTALS 1 4	.5 35.3 46.7 7.9	100.0 11.0
TOTAL NUMBER OF OBSERVATIONS:	839	

STATION NUMBER: 91	The second secon	
	WAKE ISLAND	2100-2300
I GN T	1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL	TAL HEAN
	2	.5 7.3
- J.	, 1 , 5 , 1	.7 B
NE NE	۰۵ ۴۰ 5۰	1.1 9.2
ENE	. 1.4 6.2 7.1 1.2 .1	16.0 11.4
	. 5.0 21.0 24.4 1.5 .2	52.1 10.8
[SE	•1 4•4 9•6 3•7 •4	18.U 8.9
38	.7 2.1 1.1 .1	h•6 D•b
SSE	.2 .6 .8	1.01 7.1
\$	ф°	2.6 9.4
HSS		.5 9.8
SK		.6 7.8
MSM	Γ • 1	8.0
;	• 1	•2 7.0
KNK		
NK	2° 2°	•5 6•3
HNK		.1 7.0
VARIABLE	•••••••••••••••••••••••••••••••••••••••	•
CALM (777)	TO THE TOTAL OF THE PROPERTY O	.6 111111
TOTALS	.1 13.9 43.4 38.1 3.4 .5	100.0

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STATION NAME: WANG 4-6 7-10 11 2-9 8-1 1-1 4-9 3-4 17-0 2-9 8-1 1-0 3-7 1-1 4-9 3-4 17-0 3-4 -7 1-1 4-9 3-4 -7 1-1 4-9 3-4 -7 1-1 4-9 3-4 -7 1-1 1-1 38-4 11-1 38-4	AC 4-6 7-10 4-6 7-10 1 3-4 17-0 2 2-9 8-1 1 3-4 17-0 2 2-9 8-1 0 -1 -2 0 -1 -3 0 -1 -3 0 -1 -3 1 1.0 3.7 1 1.0 3.7 1 1.0 3.7 1 1.0 3.7 1 1.0 3.7 1 1.0 3.7 1 1.0 3.7 1 1.0 3.7 1 1.0 3.8 1 1.1 38.4	IE ISLAND PERIOD OF RECORD: 77-86 MONTH: JUL HOURS(LSI): ALL	MIND SPEED IN KNOTS -16 17-21 2 ₂₋₂ 7 28-33 34-40 41-47 48-55 GE 56 TOTAL	5 •	.5 .0 1.7 8.9	8.4 2.4 .0 12.2	24-1 3-2 -1 48-0 11-4	5.2 .6 .0 16.9 9.7	2-1 -1 -0 9-5	.9 .2 2.7 10.1	.4 .3 .0 2.5 9.4	.2 .0 6 9.2	90 2 3.0	.5 8.1	.5 8.2	.1 7.4	.2 7.9	9.8 €. 0. 0.	 William	42.2 6.9 .2 100.0 10.8
	2 912450 1-3 1-3 0 0 0 0 0 0 0 0 0 0 0 0 0	AAHE:	7-10	 •								2		•				•1 •2	,,,,,,,,,,,,,,,,,,	11.1 38.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC	LOGY BRANC	in the second se	PERCENTAGE	E FREQUENCY	0 F	CURRENCE FROM HO	OCCURRENCE OF SURFACE WIND DIRECTION VESSUS WIND SPEED FROM HOURLY OBSERVATIONS	WIND DIRECT	ION VERSUS	S CNIP :	PEED	
AIR WEATHER SE	RVICE/MAC											,
STATION NUMBER:	912450	STATION	-	IAKE ISLAND	01			PERIOD OF RECORD: HONTH: AUG HO	RECORD: UG HOUR	D: 77-86 HOURS (LST):	0000-0500	00
					ONIM		15		•	• • • • •	•	•
DIRECTION	1-3	4-6	7-10	11-16	17-21 2	22-27 2	28-33 34-40	41-47	48-55 GE	GE 56 T	TOTAL	MEAN. WIND
2			• • • • • •	• • • • • • • • • •		•••••	•••••••••••••••••••••••••••••••••••	•••••••	• • • • • • •	• • • • • •		5.0
1			• 3								.3	9.0
38		6.	8.	8.						,	2.4	8.5
LNE	2.	2.7	0.9	4.7	*,						14.0	9.6
a .	-	1	16.4	13.6	1.6						40.2	10.0
ESC	·	4.3	7.9	3.3	9•	•1	*				16.4	8.9
SE	•1	1.2	3.3	1.3	-2			•			6.3	9.3
SSE		9•	1.8	.7	*	•1					3.6	10.6
S	۲۰		1.7	1.3	1.1						5.5	10.5
ASS	-	.3	80	37	•	•2	•1				2.4	13.0
Su		*	6.	•2	.3	.,					2.6	13.8
MSA	-	2.	3		•2			٩			1.0	9.8
· · ·	:	3.		•2	.1						ŏ.	9.3
ANA		9•				:		:			.7	5.0
32	ŀ		.3								3	7.3
anz		•1	:	۴.							3	11-3

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1.9

5.5

21.2 40.8 26.9

1.6

CALM TOTALS

VARIABLE

STAL NUMBER OF OBSERVATIONS: 898

THE THE PROPERTY OF THE PROPER

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100.0

STATION NUMBER: 912450	Ain wining Sineticling	
DIRECTION	SO STATION NAME: WAKE ISLAND	PERIOD OF RECORD: 77-86 MONTH: AUG HOURS (LST): 0300-0500
1-	CIAN	PFFC IN ANDIA
(DEGREES) I	4-6 7-10 11-16 17-21 22	28
		6.
	.1 65 63	1.7 %
NE .	.8 1.4 .5 .3	3.0
313	.4 1.7 5.5 3.5 .5	11.7 9.6
	.3 10.2 15.6 10.1 1.4	37.8 9.2
ESE	.3 6.2 8.8 4.2 .1	19.6 8.2
St	.1 2.6 2.4 1.8 .1	7.1 8.6
SSE	lel leb lel e3	4.2 9.3
\$::	2.0 1.1 1.6 .3	E • 6 • 8
		•1 •3 3•5 12•7
SW	.7 .3 .1 .1	•1
ILSW	. 5 .3 .1	9.7 6.
1	.1	
MNM		
AH	N. *	8.5 7.8
MNN	, o 13	5°5 5°
_		
CALM		THE THE PROPERTY SAME THE TANKE THE
TOTALS 1.4	4 26.3 38.9 24.6 3.8	•4 •3 100•0 8•8
ICTAL NUMBER OF OBSERV	OBSERVATIONS: 761	
	AMERICAN CONTROL OF THE CONTROL OF T	

HONTH: AUG HOURS(LST): 0600-0800 5°S 0.1 11.8 9.2 7.5 10.4 9.5 14.9 9.6 9.6 10.3 8.4 9.1 12.3 10.0 8.5 5.7 6 11111 6.1 HINC 17.3 6.8 4.3 2.0 ŝ 14.9 35.8 9.0 3.1 æ 9 9 7 ₹. 100.0 PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED PERIOD OF RECORD: HONTH: AUG HO . 7 * 1.1 Š .2 . 7 ٦. 22-27 6.5 1 . 1 2.7 ₹, • 7 Ņ 9 7 17-7: STATION NAME: WAKE ISLAND • 2 4.5 1.5 1.2 1.1 7 26.7 7 11.7 2.7 2.1 . 2. 11-16 41.0 1.0 5 1 • 4 **9.** 15.0 8.9 3.1 1.7 1.1 1.0 2 • 5 2 ~ 7 7-10 1.0 21.7 6.1 1.2 2.5 7 'n ? 5 2.1 5.1 1.4 9-4 GLUBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE / MAC .2 STATION NUMBER: 912450 7 1-3 UIFLCTION (CEGRE FS) VARIABLE TOTALS CALM 3 3 **CSE** SSK KSM Z Z Š 3 2 2 2 INE ž SE ž z S

840

OESERVATIONS:

TOTAL NUMBLR OF

STATION NUMBER:	91		WAKE ISL	SLAND			14	PERIOD OF RE Month: Aug	COR	D: 77-86 Hours (LST): 090	0900-1100
	• • • • • • • • • • • • • • • • • • • •			NIA	D SPEED IN	KNOTS	•			•	•
UIPECTION (1-3 4-6	7-10	11-16	17-71	12-21	1-33	34-40	41-47 41	48-55 GE	56 TOTAL	HEAN
	7	. 1									5 5.3
NNE	. 1.	.2	• 1								.9 6.5
A T	7	1.1	6.	• 5	• 2					3.0	0 12.5
FNE	1.1	7.0	8 . 4	1,1						17.6	6 i1.4
	1.8	8.2	18.6	9.2						31.1	1 12.1
rse	-8	6.2	6 . 1	1.						13.8	8 11.0
SE	-1 1-4	6.0	4.3	37						12.2	2 9.9
SSC	1.3	2.2	104	5						5+3	3 9.6
· · · · · · · · · · · · · · · · ·	.1 1.3	2.5	2.0	1-1	• 1	•1		1.		7.3	3 11.6
SSW	88 ◆	1.2	æ	1.	1.	1.				3.3	3 11.7
NS		6.	5.		•1					1.4	4 10.7
RSA	•1 •1	.1	5•	.2	•1					1.2	
:x		•								•	.1 10.0
KNE	1.		1.							•	.2 8.0
3 2		3								•	4 8.7
NINE	n •	3.								•	7 6.7
VARIABLE										•	• • • • • • • •
CALM	Manne de la company de la comp	11111111		1111111	יוווווויי	minn.	11111111			1.1	111111
TOTALS	.5 10.2	3 72			,	Š		ļ		0 90.	

7 X X X X										
CTATTON NIIBBER: 912450		STATION NAME:	ĺ	WAKE ISLAND	0			PERIOD OF RECORD:	17-86	
			- 1	` †					MOURS (LST): 1200	1200-1400
•	•	•	• • • • • • • • • • • • • • • • • • • •		NIA	I	KNOTS			
DIRECTION (DEGREES)	1-3 4-	- و ا	1-10 1	11-16 1	17-21	22-21	28-33 34-40	10 41-47 48-55	GE 56 TOTAL	
2		2		•		1.	.1	•••••••	7.	13.0
S RN		.2		1.					ĸ.	6.7
######################################	• 1	.3	1.0		1-				2.4	8.6
ENE		9•	1 ° h	*•8	2.1	•1			15.9	12.
-1		1.4	₽•8	19.5	3.9	•1	1.		33.4	12.
ESE		٠,	6.4	5.8	9.				13.7	11.
38		1.6	5.4	3.3	۴.				10.7	9.6
SSE	• 1	6.	2.6	1.4	••				5.5	6
S		4.5	2.9	1.8	\$.				7.6	6
ass	-	6.	9•	1.3	.2	•2	.1		3.3	11.6
38		•5	6.	•5	-2	• 5			2.5	12.1
T S H		-2	8	9.					1.6	9.4
ns .		-2	•2						8.	7.
ANA .		-2	•						E.	4.7
3		۲,	• 5						8	7.1
i Ni		.2	\$.						7.	8 9
VARIATE										
CALM		111111	mini		mmm.	dinin.	minni.		mm	111111
TOTALS	9.	11.0	34.9	43.5	9.8	1.1	.3		100.0	11.3

	10: 77-86 Hours (LST): 1500-1700		GE 56 TOTAL : MEAN x MIND	0.9. 3.	.6 .8.2	3.8 11.2	16.9 12.1	34.6 12.4	12.0 10.4	7.5 9.3	6.1 9.8	6.8 10.1	3.0 10.2	3.4 11.6	2.3 8.5	1.0 5.9	7.7 P.	•2 10•0	•5 7.0			100.0 11.1
			34-40 41-47 48-55	• • • • • • • • • • • • • • • • • • • •		•														•••••••••••••••••••••••••••••••••••••••		
		IN KNOT	28-33										•1	•1						•	,,,,,,,,,,	.2
		O SPEED	22-27				•1	•2				9•	.1	9•	1.						,,,,,,,,	1.8
	QNV	HIND	17-21			1.	1.3	8 - 1	9	-2	9•	-	2.				į				1111111	8.2
	WAKE ISLAND	• • • • • • • • • • • • • • • • • • • •	11-16		-	2.1	9.8	18.2	4.1	1.6	106	1.8	7.	•5			1.	1.	1			40.4
		:	7-10	1.	3.	1.0	4.7	9.6	6.4	4.7	3.0	2.1	1.2	1.5	1.1	2.			1		1111111	36.2
	STATION NAME:		7-4	3	.1	9•	1.0	1.2	-7-	0.1	8	2.1	1.0		-8		2.		2		1111111	12.2
VICE/MAC	912450	•	1-3				eregene verkelege de dem est designificación					•1				-		1	1		minimum minimum	* *
AIR WEATHER SERVICE/MAC	STATION NUMBER:	:-	DIRECTION (Z	NNE	ne Fe	ЕИЕ		rse	SE	. SSE.	\$	SSW	NS	nsu.	3	HNH	32	anu	VARIABLE	CALM 17	TOTALS

STATION NUMBER: 912450		STATION NAME:	i	WAKE ISL	SLAND			PERIOD OF HONTH: A	RECOR JG	D: 77-86 HOURS (LST):	1800-2000	80.
•			•		ONIC	SPEED IN	KNOTS					
UIRECTION (DEGREES)	1-3	9-4	7-10	11-16	17-21	22-23		0 41-47	9 55-84	GE 56 TO	TOTAL *	HEAN
2		7-	7	•		•	•		•	•	1.1	5.8
RNE		• 5	3								1.1	7.8
NE		6.	1.4	1.5	•2						4.1	9.5
ENE	• 1	1.8	6.3	8.9	1.2	*			-		18.7	11.5
£	1	3.4	16.9	16.0	3.8	7					34.5	11.7
ESE		1.9	5.6	2.8	6.	2.					11.5	10.2
SE	•1	.7	3.5	1.4	-2						6.0	9.6
SSE		6.	2.0	1.1	•5						4.5	9.9
Ø	-	2.4	1.9	1.8	•5	•2					6.8	9.7
#SS		1.3	6.	•2	5.	•2					3.2	10.1
AS	.1	1.6	۲.	•2	•2	*					3.3	4.6
#S#	1.		.1		.1	2.	.2				1.6	12.7
z		.2	.1								9.	4.8
RIM		9•	•2								٠.	6.8
32		***	•1								7	4.3
NNN	·	-	•••								.2	6.0
VARIÀBLE			•					•	•			
САГМ		THE THE	minni	minn	mm	mmm	CHARLES STATES STATES STATES STATES STATES STATES STATES STATES STATES STATES STATES STATES STATES STATES STATES	mmm.	mmm	<i></i>	1.5	mm
TOTALS	1.3	17.7	34.8	34.2	8.2	2.0	.2				100-0	10.5

5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
NECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 38-40 41-47 48-55 GE COGGRESS	
NNF	-
NNE NNE NNE NNE NNE NNE NNE NNE NNE NNE	
FEET STATE S	
ENE	
F	16
FSE	É.
SE	
.3 1.9 2.8 1.2 .1 .8 2.0 .8 .1 .9 .7 .1 .1 .9 .7 .2 .6 .1 .1 .2 .5 .1 .2 .5 .1 .2 .5 .1 .2 .5 .1 .2 .7 .3 .1 .1 .7 .1///////////////////////////////////)E
. 1 . 8 2.0 . 8 1.4 . 6 1.4 . 6 1.4 . 6 1.4 . 7 . 7 . 7 . 3 . 1 . 2 2 1 2	,
1.4 .8 1.4 1.1 .1 .9 .7 2.0 .6 3.1 .2 4.0 .7 5.1 .2 6.1 .1 6.1 .1 7.1	36
., ., ., ., ., ., ., ., ., ., ., ., ., .	
.5 .1 .2 .6 .1 .1 .6 .1 .1 .3 .1 .2 .3 .1 .2 .1 .7 .1////////////////////////////////	
.5 .1 .2 .6 .1 .1 .2 .2 .1 .1 .3 .1 .2 .1 .2 .1 .1 .2	<u>;</u> ;
.6 .1 .1 .2 .2 .2 .1 .3 .1 .2 .1 .3 .20.6 38.7 29.1	
.3 .1 .2 .3 .1 .2 .1 .2 .1 .1 .2 .1 .1 .2	22
.3 .1 .2 	
1.3 20.6 38.7 29.1	
1.3 20.6 38.7 29.1	
1.3 20.6 38.7 29.1	
••••••••••••••••••••••••••••••••••••••	ν ₁
OC OBCEDNATIONS	
OBSERVATIONS:	0 F
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	ED			ALL
	IND SPE		77-86	LST1:
	ERSUS N		RD:	HOURS (
	A NOILS		OF RECO	MONTH: AUG HOURS (LST):
	VD DIRE Ons		PERIOD OF RECORD: 17-86	HON TH:
	FACE WI			
	OF SUR URLY OB			
	URRENCE FROM HO			
	OF OCC			
)LOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS		WAKE ISLAND	
	TAGE F		MAKE	
	PERCEN		NAME:	
	I		STATION	
4	BRANC	E/HAC	2450	
	AT OLOGY	SERVIC	BER: 91	
	CLOBAL CLIMATOLOGY BRANCH USAFETAC	AIR WEATHER SERVICE/MAC	STATION NUMBER: 912450 STATION NAME:	
			STATI	
!			<u> </u>	

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		6.6		,			,													
	HEAN	9.9	7.8	10.2	11-1	11.0	9.5	ħ°6	9.7	10.2	11.9	11.3	10.6	7.7	6.6	7.3	7.1		mmi	•
	TOTAL *	. 8		3.0	15.6	36.1	14.6	7.9	4.7	6.2	3.2	2.3	1.4	9.	•5	s.	5.		1.63	
	GE 56		:																mn	
	9 55-84																		mm	
	11-47 48									•									mm	
	40 41-	0. 0.									0.	0.							חחחח	c
75	04-4E E1	,				• 0				0.	.1	0.	0.						mm	
0	7 28-33	0		0.		Ε,	-	0.	0.	2.	-2	*	-						mm	
WIND SPEED	12-22																		וודווו	
13	17-21		0.	•2	1.1	2.9	5.		•	9•	*	-		0	0.				mm	
		1 .0		1.0	6.8	15.4	0.4	2.1	1.1	1.7	9•	۴.	•2	-	•1	•	-		mum	
	7-10	.1	٤.	1-1	5.8	12.5	7.1	3.9	2-1	1.7	1.0	80	4	-		.3	2.		mm	
]	L h	9.	.3	9•	1.6	4.7	2.9	1.5	6.	1.8	8.	9•	7.		.3				mini	
	1-3	G	0.	0.	•1	•1		•1	0.		0.	0.	1.	0.	0.		i r		การการการการการการการการการการการการการก	
_	DIRECTION ODEGREES)	2	NNE	: :	נצנ		rse	SE	SSE	s	- ASS	NS.	KSW	3	WHA	32	NN X	VARIĀBĒE	CALM 1//	

AIR WEATHER SERVICE/HAC	RVICE/HAC	*								
STATION NUMBER:	912450	STATION NAME	 	WAKE ISLAND	0		PERIOD OF RECORD: HONTH: SEP HO	77-86 URS (LST):	0000-0500	0
:-		•		•	QN I M	SPEED IN KNOTS		• • • • • • • • • • • • • • • • • • • •	• • • • • •	•
UIPECTION	1-3 4-	6 7-10		11-16 1	1721	~	41-47 48-55	GE S6 TOTAL		MEAN
:-	.2	2	1.6	1.	• • • • • • •	•	•	• • • • • • • • • • • • • • • • • • • •	2.2	7.4
- BRK		.2	80				•		1.1	7.7
w		-1	1.0	1 - 1					2.9	9.5
CNE	.2	2.7	4-9	9.8	2-4	• 1		2]	21.6	1
E.	.2 1	10.2	16.7	11.1	2.2			3	40.6	9.5
ESE		6.4	5.5	1.3	9.			17	14.0	7.7
35		1.7	2.4	1.0	•2				5.4	37
SSF			9	5•					1.4	13.1
· · · · · · · · · · · · · · · · · ·		7	37	S.					1.2	4.0
NSS.	•		#	3	•				1.0	10.6
as S		.1	8	• 1				1	1.1	8.7
- 3		.1	1.1						1.2	7.6
3		7	5	9.					1.4	6.6
HNH	10	.1	•1						5.	5.7
2	To the American	.1	• 1	٠1.					8	7.0
302		9•	7.	3					1.7	8.0
VARIABLE	• • • • • • • • • • • • • • • • • • • •							•	••••••••••••	
CALM	minimini minimini	,,,,,,,,	,,,,,,		mm		<i>mmmmmm</i>		2.4 //	,,,,,,
Sistor				,	,	,		303	0 000	0

BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED From Hourly Observations	
GLOBAL CLIMATOLOGY BRANCH PERCENT USAFETAC ATR WEATHER SERVICE/HAC	111111111111111111111111111111111111111
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•		1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(IA	WIND SPEED IN KNOTS	Is	SI.			
OIRECTION (OEGREES)	1-3	4-6	7-10	11-16	17-21		34-40	41-47 48-55	5 GE 56	TOTAL	HEAN
2		7.	T.					• • • • • • • • • • • • • • • • • • • •	• • • • • • •	1.4	6.7
NNE		₩.	80	9.						2.2	8.3
NE NE	. !	7	2.2	1.5	•3					4.5	10.4
ENE	£ .	4.5	7.4	8.6	2.1					22.9	10.5
a i	9•	10.8	14.7	9.8	1.3	ĸ.				37.4	9.1
ESE	3	8.0	5.9	1.5						15.8	7.1
SE		2.0	1.1	9						3.6	7.3
SSE		£.	8	1.1	•1					2.4	10.8
v	1	7.								1.4	6.8
RSS	; ; ;	•1	•1	37	.1					æ•	11.7
NS.		•3	• 3							9.	7.5
ASA		•1	.3	-						9.	9.5
3	1	.3	•1								9.4
KNA	•1	3.								9.	4.3
3 2		3	٤.								9.9
382			1.0	•						1.8	7.5
VARIABLE											
CALM	,,,,,,,,,,	ninnin	irmini	min	min	THE THE TRANSPORT OF TH	unnin	mmmmm	mmm	5.5	mini
TOTALS	1+3	30.6	36.6	24.7	4-1	• • 3				100.0	8.8

# UAKE ISLAND 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 10	GLOBAL CLIMATO USAFETAC	SLOGY BRANCH	PERCENTAGE	AGE FREQUENCY	9	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	VERSUS WIND	SPEED	
STATION NAME: WAKE ISLANG PERIOD OF RECORD	AIR WEATHER SE	RVICE/HAC							
7-10 11-16 17-21 22-27 28-33 34-80 41-47 48-55 GE 56 TO 9	STATION NUMBER	1	ION NAME:	1	0.	PERIOD O HONTH:	ECOR	0600-0800	ă
7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 16 9	•				NIN	IN KNOTS	• • • • • • • • • • • • • • • • • • • •	•	• • • • • • • • • • • • • • • • • • • •
1	UIRECTION (DFGREES)	t		91		28-33 34-40	GE 56		MEAN
1	:		4			•••••••••••••		1.3	9.9
2 5.0 1.8 9.4 2.2 .1 2 5.0 1.8	NNE			.3				6.	9.4
2 5.0 1.8 9.4 2.2 2 5.0 1.8 2 5.3 1.1 .1 3	ME			1.9	*	• 1		5.2	10.7
2	L'NE			4.6	2.2				10.7
4 2.3 1.4 1 2 2.3 .3 .1 .1 .1 .5 .1 .1 .5 .3 .4 .3 .1 .3 .1 .1 .5 .3 .1 .6 .6 .6 .3 .4 .4 .6 .9 .3 .3 .4 .4 .8 37.1 30.7 5.5 .3 .1			l		2.7	• 1		38.4	10.1
23	ESE	9		1.8			,	13.0	7.5
.3 .4 .5 .1 .1 .533	SE	-		1.1	.1			5.0	8.5
.1 .5 .1 .1 .5 .1 .1 .3 .3 .4 .3 .1 .3 .4 .5 .5 .3 .1 .1 .5 .5 .3 .1 .1 .5 .5 .3 .1 .1 .5 .5 .3 .1 .1 .5 .5 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SSE	1		.3				3.4	7.7
.1 .1 .5 .1 .1 .5 .5 .3 .1 .6 .6 .3 .6 .9 .3 .1 .11 .30.7 \$.5 .3	S			.1	.1			6.	9.4
.3 .1 .3 .1 .1 .5 .5 .3 .1 .6 .6 .9 .3 .6 .9 .3 .7////////////////////////////////////	ASS		• 1	• 5					12.4
.1 .1 .5 .6 .6 .3 .6 .9 .3 .77777777777777777777777777777777777	AS.								6.2
.5 .3 .1 .6 .6 .9 .3 .6 .9 .3 .1///////////////////////////////////				•3				9.	9.2
.6 .6 .3 .6 .9 .3 .11111111111111111111111111111111111				• 5					10.2
.6 .9 .3 -6 .9 .3 -7111111111111111111111111111111111111	KNW			•1				6.	7.0
.6 .9 .3 ////////////////////////////////////	32		9	•3				•	7.8
.8 37.1 30.7 5.5 .3	RNN	The state of the s		•3				1.8	
.8 37.1 30.7 5.5 .3 100.0 100.0 100.0 100.0 100.0 100.0 100.0	• ;			•					
-8 37.1 30.7 5.5 .3 100.0	CALM		mmm,	mmm.	mm	Minimum minimum minimum		- 1	,,,,,,
	TOTALS	6.			5.5	• 3	1	100.0	4.6
						•••••••	• • • • • • • • • • • • • • • • • • • •		
•	TOTAL NUMBER O	IF OBSERVATIONS	787						

	PERCENTAGE FREQUENCY OF OCC		ICE/MAC	
	GLOBAL CLIMATOLOGY BRANCH PI	USAFETAC	AIR WEATHER SERVICE/MAC	
- 4			Į.	

GLOBAL CLIMATOLOGY BRANCH USAFETAC	TOLOGY BRANCH PERCENTAGE	ITAGE FREQUENCY	9	OCCURRENCE OF SURFACE MIND FROM HOURLY OBSERVATIONS	MIND DIRECTION VERSUS WIND SPEED ations	IND SPEED	
AIR WEATHER S	SERVICE/MAC						
STATION NUMBER: 912450	ER: 912450 STATION NAME:	WAKE ISLAND	ON		PERIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST):	77-86 LST): 0900±1100	1100
•		• • • • • • • • • • • • • • • • • • • •	NIM	IN KNOTS	•••••••	•	•
DIRECTION (DEGREES)	1-3 4-6 7-10	11-16	17-21 22	22-27 28-33 34-40	41-47 48-55 GE 56	6 TOTAL	MEAN WIND
2	.5 1.	2 .1	.1	•	••••••••••••	2.0	8.3
NNE	•	9. 4.				1.0	12.0
NE F	9.6 2.0	.0 1.3	.1	•1		4.2	10.6
ENE	1.7 7.1	1 12.7	3.5	.1		25.2	12.4
LJ	2.7 10.1	1 17.5	4.5	.5		35.3	12.2
ESE	1.5	.5 3.5	1.0			10.5	10.4
SE	.1 1.0 3.3	3 1.3	•1			5.9	9.2
SSE	1.2 7. 2.7	T. T.				4.2	8.8
vs	.2 1.1 1.8	8 •2	•2			3.7	8.3
SSW	• 1 • 5	.2 .1				1.0	9.9
SW	. 2.	.2				• 5	7.3
KSN	• 7 •	7 · 4				1.8	7.7
3	• 5•	.2 .1		,		6.	6.4
MNM	•	9.				9•	8.8
32		.2 .5				1.0	9.6
2 3	• ***	* 6.				2.0	8.0
VĀRIĀBĒĒ		•					
CALM	minimini minimini minimini minimini minimini		minni.			s• //	m
TOTALS	.6 12.6 36.3	3 39.6	1.6	•		100.0	11:1
O TO MILL DE DE	A DACEDVATIONS						
TOTAL WUNGER							

STATION NUMBER: 912450 S	912450 STATION NAME: WAKE ISLAND	PERIOD OF RECORD: 77-86 MONTH: SEP HOURS(LST): 1200-1400
-	WIND	•••••••••••••••••••••••••••••••••••
DIRECTION 1	-3 4-6 7-10 11-16 17-2	28-33 34-40 41-47 48-55 6E:56 TOTAL MEAN
2		
	3° 5°	101 1207
NE .	.4 2.0 1.6 .2 .1	4.3 10.8
CNE	.1 1.0 5.0 12.1 3.5 .1	21.8 12.8
Lu.	1.6 10.8 18.7 4.4 .4	35.8 12.3
ESE	. 5.0 3.7 .1	10.4 10.7
SE	.5 4.5 2.2 .1	7.3 9.8
SSE	. 1.1 3.2 .5	ት°8 8°ት
S	1.4 1.8 .5 .4	4.1 8.5
SSW	.1 .4 .6	1.1 10.8
38	.1 .5 .1	8.5 7.
KSK	.e. 1.0 .4	1 2.2 8.0
	8° 1°	1,6 7,3
KNW	• 1	.1 7.0
3		1.2 11.0
NNN	. 8 .5	1.6 9.5
VARTAPLE		
	m munimummummummummummumm	111111
TOTALS	.2 9.9 37.2 41.9 9.7 .8	100.00 11.3
TOTAL NUMBER OF OB	OBSERVATIONS: R36	

AIR WEATHER SERVICE/MAC	RVI CE /MAC							
STATION NUMBER:	: 912450 STATION NAME:		WAKE ISLAND	QNI	PER	PERIOD OF RECORD: 77-86 MONTH: SEP MOURS (LSI):	36 3: 1500-1700	700
:-		•	•	IA	SPEED IN KNOTS		•	• • • • • • • •
OIRECTION OEGREES)	1-3 4-6 7-	-10	11-16	17-21	22-27 28-33 34-40	41-47 48-55 GE 56	TOTAL	HEAN
Z	L.	1.1	T.			••••••••••••	2.4 8.6	8.6
NNE	3	11	3.				. 6	9.1
NE		6.	1.8	*	.1		3.9	11.6
ENE	.1 2.0	5.6	14.6	3.3	.3		26.0	12.4
	5-9	9.3	16.2	3.7	*		32.5	12.0
ESE	1.3	5.0	3.9	*			10.6	10.0
SE	6•	3.9	1.2				6.2	9.2
SSE	6•	2.4	6.	r.			4 • 5	4.6
S	. 1 . 8	1.6	۲.				3.2	8.6
ASS	L •	.7	5.				1.8	8.5
NS.	3 °	•					.7	7.8
MSM	F.		7				1.3	9.3
28	88	80	۳.	•1			2.0	8.0
WNW	• 3	۳.					• 5	7.0
> Z		6.	7				1.3	9.6
BNN	3	1.2	*				2.0	8.7
VARNIE			•1					
	iinniniiiiiniiniiniinii	mm				mmmmm	5.	,,,,,,
	7 7 1	7 77	2 6.7	•	•		1000	

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	GLOBAL CLIMATO	OLOGY BRAN		PERCENTAGE FREGUE	FREQUEN	NCY OF OC	CURRENCE	OCCURRENCE OF SURFACE	MIND DIRECTION	CTION VERSUS	NIN	SPEED		
	USAFETAC AIR WEATHER SERVICE/MAC	ERVICE /MAC					- KOM	URLY OBSERVE	11000	•				
at- many as- investment	STATION NUMBER: 912450 STATION NAME:	R: 912450	STATION	1	WAKE ISLAN	ON			PERIOD (OF RECOR Sep	0: 77-86 HOURS (LST):	1800-2000	100	
1	•	, , , ,	• • • • • • • • • • • • • • • • • • • •			ONIA	SPEED IN	N KNOTS					• • • • • • • •	:
	UIRECTION (DEGREES)	1-3	9-4	7-10	11-16	17-21 2	1 1	28-33 34-40	41-47	48-55 GE	56	TOTAL	MEAN KIND	
	• 1		7.	1.4	1.0							3.1	8.6	:
	NNE		.2	3.	3.							1.0	h • 6	ا شد
	NE		1.4	1.5	2.0	*						5.2	10.1	
	CNE	7	2.9	9.9	12.6	3.4	•2					26.1	11.7	
	E	1	4.5	15.7	16.0	2.0	•1					38.5	10.6	
	ESE	-	3.0	4.2	2.0							9.4	8.5	
† i	SE	7	6.	2.2	9•							3.9	8.1	ا
	SSF		9•	٠,								2.1	9.1	
	\$		9•	6.	.2							1.7	7.9	ا
1	ASS	•		•2	1.							\$.	8.0	
	AS	-	•2	9•	•2							1.2	8.2	
	MSM		•2	3,	•2							6.	ħ°8	
. Abrond and	32	1	7.	γ.	-2							1.9	7.4	
	ANA	1	•2	•1					,			.,	4 . 5	
1	32		•2	• 5	• 5							1.2	9.6	- 42-
	MNII	1	•2	1.2	1.							1.6	7.7	
	VARIABLE	••••••••••••••••										• • • • • • • • • • • • • • • • • • • •		
1	CALM	THE THE THE THE THE THE THE THE THE	mmm	minni.		minin	minni	annana.	.mmm.		////	/ 6.	111111	
	TOTALS	1.5	16.9	37.6	37.1	5.7	7.					100.0	10.1	
			:			•		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••		•••••	• • • • • • • • • • • • • • • • • • • •	
	IOTAL NUMPER C	OF OBSERVATIONS:	TIONS:	801										
	* * * * * * * * * * * * * * * * * * *													

STATION NUMBER: 912450 OIRECTION 1-3	USAFETAC AIR WEATHER SERVICE/MAC	P ERCENTAGE	GE FREQUENCY	P.	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	SURFACE V.	IND DIRECTORS	TION VERSUS	ONIM S	SPEED	
DIRECTION (DEGREES)	STATION NAME:	1	WAKE ISLAND	ON			PERIOD OF RECORD: MONTH: SEP HOU	RECORD:	D: 77-86 HOURS (LST):	16	300
			•	HIND SPEED	IN KN		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		1 •	
	9-h	7-10	11-16	17-21 23		34-40	41-47	48-55	GE 56	TOTAL	MEAN
2	2	1.6	Ţ.	•				•		2.6	8.9
NNE	•2	-2	· -							1.0	8.
I SE	6.	1.7	1.5	• 5						4.6	10.3
ENE	3.5	8•0	11.3	3.0						25.7	1103
	6.5	16.3	14.9	1.2	.1				٠	39.3	10.1
rse	0.5	4.2	1.6	•2						11.2	7.8
SE	1.9	1.1	9.	•1						0.4	7.5
ssr ssr	• 5	1.2	5.							2.4	8.0
S		5	\$.							1.7	7.9
NSS		•2	.2							• 5	10.5
SW	•1		3.				2			1.2	9.4
MSM	• 5	2.									6.2
33	2.	• 2	*							6.	9.1
TANA	•1	•1								7	5.3
388	\$	• 1	-2							1.0	7.1
I. WHY	7	9.	*							1.5	8.3
VARIABLE											
	mini	minin	minni.	munn.			in in sa	mmm	mm	1.27	,,,,,,
TOTALS 1.2	21.3	37.3	33.7	5.1	•1					100.0	9.6
TOTAL KUMBER OF OBSERV	OBSERVATIONS:	804									

	AIR WEATHER SERVICE/MAC						,
STATION NUMBER:	91245	NAME:	WAKE ISLAND	MD		PERIOD OF RECORD: 77-86 HONTH: SEP HOURS(LST):	ALL
-			71-11	HIN	SPEED IN KNOTS	# 1 - # 2 - # 4 - # 5	AL MEAN
EGRE EST	1-3 4-6	21-1	07_11	13-11	CC-87 1-27		
2	9	1.1		0			8
INC I	0.	3 .5	7	0.			1.1 9.5
u z	7. 0.	7 1.6	1.6	•3	.1		4.3 10.5
	.2 2.1	7 6.7	11.4	2.9	•1	2	24-1 11-7
	7.5 5.7	7 13.5	14.8	2.8	.3	2	37.2 18.7
£ SE	0.1 4.0	9 4.9	2.4	*	0.	e .	11.8 8.6
38	•1 1•3	3 2.6	1.1	•	0.		5.2 8.7
SSE	9• 0•	1.8	9.				3.1 9.0
S	L. 0.	7 1.0	.3	• 1		-	2.3 8.3
MSS	2. 0.	5 • 3		•			1.5 6.
S	. 0.	3 .					.8 7.9
ASA	,•	9•	.2				1.2 841
	9. 0.	5 .5	.3	0.			1.3 8.3
3		2 .2	0.				.5 6.2
2	0	3 .4	•3	0			1.1 B.8
Sav		5 .9	•3				1.7 8.1
T H B H CON							•
	minimininininininininininininininininin	minni	,,,,,,,,,,,	1111111		THE THE THE THE THE THE THE THE THE THE	1.2 /////
TOTALS	.9 15.9	9 37.0	34.7	6.9	• 5	10	100.0 10.1
							•
TOTAL NUMBER OF	OF OBSERVATIONS:	e350					

	ANCH PEFCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED		
92.5 E	GLOBAL CLIMATOLOGY BRANCH	USAFETAC	AIR WEATHER SERVICE/MAC

								MONTH: OCT HO	HOURS (LST):	HOURS (LST): 0000-0200	200
•		•	•	•	ONIR	SPEED IN KNOTS			• • • • • • • •	• • • • • •	
DIRECTION (DEGREFS)	1-3	9-6	7-10	11-16	17-21	22-27 28-33	34-40 4	41-47 48-55	5 GE 56	10121	MEAN
2		.2	-2	•	•		• • • • • • • • • • • • • • • • • • • •		•	5.	6.3
MNE		ş	\$		·					6.	6.5
NE	• 1	1.4	6.	1.1	9.					4.1	10.1
ENE	3	1.7	6.2	12.7	**	*				25.6	12.5
		3.9	13.5	24.4	9.9	1.3				49.8	12.5
rse		2.4	4.7	2.8	х					10.1	8.9
35		5.	2.0	1.1	•1	.1				3.7	10.5
SSE		3	9.						:	1.1	6.6
v		-	4.							• 5	7.0
MSS		***************************************									
SW		3								• 5	8.0
38 SS	1	-	.1	7.						9.	12.2
٤.	;	3	.1							. •5	5.5
AUH		•2	•							*	5.7
72			.2	Remarka postalente e e e esperado						• 5	7.0
3222		-	1							•1	5.0
VARIABLE											
	Manda Manda	ninini	, minni	minni	mmin		annon	mmmm	mmm	1:3	mm
TOTALS		12.2	29.6	42.4	12.0	1.8				100.0	11.5

	500	•	ME.AN Kind	5.0	7.2	9.0	11.7	12.2	6.6	10•1	11.0	6.2	12.5	5.0	11.1	7.6		8.0	6.3	•	111111	11.1
	86): 0300-0500	•	TOTAL	7.	1.0	5.9	25.9	43.4	13.7	1.8	2.0	80	r.	•2	1.3	.8		۴.	\$5		1.6	100.0
	0: 77-86 HOURS (LST):		1 1						;											• !	mm	
	OF RECORD:		48-55																		minn	
FROM HOURLY OBSERVATIONS	PERIOD O Honth:	000000000000000000000000000000000000000	1 1																		mmi	
BSERVATI			34-40																			
HOURLY 0		IN KNOTS						•2													minni	.2
T 00 T		D SPEED	12-22					2.0													minn	2.3
	ISLAND	ONIA	17-21				4.2	6.2	•				-2		-2						minn	11.5
	WAKE ISL		11-16		•2	2.6	10.4	16.9	5.0	80	• 5				5.			-2				37.1
			1-10			1-1	7.6	12.7	4.9	1.0		•3			\$.				.2		11111111	29.6
	STATION NAME	• • • • • • •	9-4	-7-	•8	2.1	3-1	5 • 4	2.6		S	3	.2	.2	.2	•2		.2	M.		minni	16.6
TVICE /HAC	912450		1-3					-2		* *		.2	es ende jelej s a lle losaren bila nder egun			!		1 1 2 1			ininuntinininununun	1-1
USAFETAC AIR WEATHLR SERVICE/HAC	STATION NUMBER:	•	DIRECTION (RNE	NE.	ENE		1 351	SE	385	S	SSW		NSW		ANN	32	un ann	VARIABLE	כערה	TOTALS

1	GLOBAL CLIMATOLOGY BRANCH JSAFETAC	COGY BRANCH	d	PERCENTAGE FR	FREQUENCY	0F	CCURRENCE OF SURFACE FROM HOURLY OBSERV	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS	ED	
	AIR WEATHER SERVICE JAKE	RVICE/MAC								
:	STATION NUMBER: 912450		STATION NAME:		WAKE ISLAND	Q,		PERIOD OF RECORD: 77-86 MOMTH: OCT HOURS(LSI): 0	0600-0000	
,					•	:	15			
	OTECTION (OEGRESS)	1-3 4	9-	7-10	11-16	17-21	22-27 28-33 34-40	41-47 48-55	AL	1 1
	=		9	5	••••		• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••	1.1	h*9
	Jain	•	7	.3	۴,	• 1			1.1	6.8
	32	3	• 5	8.	2.1	7			4.1	10.8
;	CNE		2.8	4.9	15.5	3.8	1.0	•	29.6	12.5
	W	5.	80 - 7	10.3	20.3	5.8	2.0	3	43.6	12.5
	ESE		2.3	4.1	3.3	•3			6.6	9.8
\$	38		۳۰	6.	1.0	.3			2.4	11.1
	SSE		9•		*				1.1	6.6
	S		•5	• 5	.1				1.1	8.2
,	SS	-	-	.1					7.	8.3
	NS .			۴.	7	1.	£.		1.0	16.6
	MSM	-	-	7		*		-	1.0	11.1
,	*	-	-	7.	•1				æ.	7.3
	NNX		-						.1	4.0
ı	N.		3.					,	*	5.3
í	382	;		•3	•3				9.	9 - 4
	VARIABLE									
:	CALM	THE THE THE THE THE TANKE	iiiiii	Tititi	ווווווווו	minim		THE THE THE THE THE THE THE THE THE THE	1.6	mm
3	TOTALS	1.4	13.7	25.1	43.9	11.2	3.3	nr	100.0	11.6
!	TOTAL NUMBER C	OF OBSERVATIONS:	NS:	798						

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC STATION NUMBER: 912450 S STATION NUMBER: 912450 S NOTECTION 1-3 (DEGREES) NOTE E CSE SSE SSE SSE SSE SSE SSE SSE SSE

STATION NUMBER:	912450	STATION NAME:	V NAME:	WAKE IS	ISLAND	•		PER	PERIOD OF RECORD: MONTH: OCT HOU	COND: 77-86 HOURS (LST):	16,1200-1400	4 00
					IA	WIND SPEED	IN KNOTS		• • • • • • • • • • • • • • • • • • • •	1:		
OIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21		28-33	34-40	41-47 48-55	55 GE 56	TOTAL	HEAN WIND
2		6.	. 5		•		•		•	•	1.4 6.0	6.0
NNE		. M	9•	• 1	•1	• 1					1.4	9.8
NE		ů.	1.4	1.7	6.	•1					4 .5	12.4
FME	• 1	1.7	4.9	14.6	7.2		•				29.3	13.9
Table		•	6.8	21.2	10.8	1.0	.3				41.0	14.4
CSE.		8	2.8	5.0	1.5	.2					10.4	12.2
SE.		.7	1.9	2.0	• 3						5.0	10.5
SSF		•1	9.	• 3	.3						1.5	11.0
٠ د	1	.3	6.						•		1.2	6.9
HSS		-2									•2	5.5
NS		2.	•2	• 5	.3	.2					1.5	14.2
NSH		1			1.						8.	11.3
3		1.	9.	.3	•2						1.2	11.0
RNA			•2								•2	7.0
MN				•1							•2	12.0
ANN	·	-									• 5	6.8
NADIAN				•	•	•	•		•			• • • • • • •
CALM					11111111	11111111	111111111		חיוחיוי	m.mm.n		וווווו
TOTALS		6.8	21.8	46.1	21.8	2.4	5.				100.0	13.3

.

DIPECTION NUMBER: 912450 STATION NAME: WAKE DIPECTION 1-3 4-6 7-10 11- NE	AKE ISLAND MIND SPEED IN KNOTS LII—16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL HEAN 34 .1 .4 .1 .1.5 .1 .2 .2 .3 .1.6 .4 .1 .5 .1 .6 .1 .6 .1 .2 .2 .3 .1 .6 .4 .1 .5 .1 .5 .1 .6 .1 .5 .1 .
CTION 1-3 4-6 7-10 RE ES1	16 17-21 22-27 28-33 34-40 4
DIRECTION 1-3 4-6 7-10 (DEGRECS) N NE NF TNE C 1.7 7.5 SE SE 1.7 7.5	16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 16 4
HNE	2.3 1.4 .1 6.4 6.3 1.5 .1 2.8 8.1 1.7 4.1 .6
10.5	2.3 1.4 .1 7 6.4 6.3 1.5 .1 2.8 8.1 1.7 .6 1.3 .4 3
1.5	2.3 1.4 .1 6.4 6.3 1.5 .1 2.8 8.1 1.7 4.1 .6 1.3 .4
0.0 10.7 0.5 0.5	6.4 6.3 1.5 .1 2.8 8.1 1.7 4.1 .6 1.3 .4
16.7	2.8 8.1 1.7 4.1 .6 1.3 .4
•5	9.
-13	£
9. 8. 1 788	1.9
S	6.
HSS	
SR 1	.1 .4 .1
NSW • 1	ρ.* Σ.*
3	1.5
KNW	•1
NN .	. 1.
CAN CAN	9•
VARIABLE	•••••••••••••••••••••••••••••••••••••••
CALM THINITITITITITITITITITI	Willian Committee of the Committee of th
TOTALS .1 7.7 21.8	49.1 17.3 3.9 .1 100.0

STATION NUMBER DIRECTION (DEGREES)	AIR WEATHER SERVICE/MAC					FROM	URLY OBSERV	FROM HOURLY OBSERVATIONS			
• 1	NUMBER: 912450 STATION NAME:	A TION A		WAKE ISLAND	NO			PERIOD OF RI	ECORD: HOURS (77-86 LST): 1800-2000	20 00
DIRECTION 1			•		GNIA	SPEED	IN KNOTS				
	1-3	2 9-4	7-10	11-16	1721	22-21	28-33 34-40	41-47	48-55 GE 56	TOTAL	MEAN
			9		•	•	• • • • • • • • • • • • •	• • • • • • • • •	•	1.4	6.5
טאינ		9•	1.0		٠					1.6	6.9
W.	•2	2•2	1.9	1.3	1.0	*				6.9	10.3
CNE	• 1	1.4	5.4	19.1	5.7	1-1	•2			33.1	13.8
Li	S.	1.8	9+3	23.1	5.9	1.4				42.0	13.1
rse	•2	3	3.2	1.9	\$	•1				6.3	10.4
SE		9•	1.0	1.0		.1				2.6	10.2
388		3.	9•							1.0	7.1
S		.7	ħ.							1.1	7-9
NSS N		-		•1						•2	8.5
315					•1					•1	18.0
ns:				,	• 5	.1				9.	20.4
.3	a despication in Terr		7.	.5						1.2	6.6
323			-2			•				3.	6.3
MN		-									5.0
322		5.									5.2
VĀRĪĀBLE										•	
כמרא	กับกับกับกับกับกับกับกับกับกับ	Tillini.	1111111		Time	mm	The state of the s	THE THE THE THE THE THE THE THE THE THE	тттт	9•	mm
TOTALS	1.2	9.6	24.4	47.1	13.6	3.2	•2			100.0	12.4

GLOE	GLOBAL CLIMAT	CLIHATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE MIND DIRECTION FROM HOURLY OBSERVATIONS	DIRECTION VERSUS WIND SPEED S
AIR	۳. ۳.	SERVICE/MAC	
STAI	STATION NUMBER:	912450 STATION NAME: WAKE ISLAND	PERIOD OF RECORD: 77-86 MONTH: OCT HOURS(LSI): 2100-2300
	•	LIND SPEED IN KNOTS	••••••••
	OIPECTION (DEGRE ES)	22-27 28-33 34-40	41-47 48-55 GE 56 TOTAL MEAN 3 HIND
	2		9 5 6.0
	PINE	•1	1.4 7.7
	NE	. 1.5 1.8 .8	5.8 10.1
† ·	ENE	.1 2.8 4.9 15.8 4.9 .8 .1	29.4 13.1
	f.	.2 3.7 9.4 25.1 7.7 1.2	47.3 12.9
***************************************	ESE,	. 1.4 2.8 2.8 .5	7.7 10.5
	\$£	- 1° 6° 1° 9°	2.4 9.5
	SSE		8°9
	vs i		5.9 5.
e I	ASS		
	NS	.1 .2	.4 17.3
*	rsu.	• 1	9.
	: 32	. 2° ° ,	E . 8 .
	WNW	. 4	•5 10•0
!	72	9	9*1 9*
	NN		°5 4°2
	VARIABLE		
!	CALM	THE THE TRANSPORT OF THE TRANSPORT OF THE THEORY OF THE TRANSPORT OF THE T	
,	TOTALS	.7 13.0 20.9 47.2 14.8 2.0 .1	100.0 12.1
1101	TOTAL NUMBER OF	OF OBSERVATIONS: 843	
1			

77-86 LST): 0000-0200	301AL		0	-	2		0	*	2.			2	.1		2	.1		.8 /////	0 13.6			
		1.5	6.0	36.1	41.3	8.0	2.0		•						•				100.0			
10: 77-86 HOURS (LST):	S 6E 56	• ,				•												mmm				
NOV	48-55																	mum.				
PERIOD (41-47												}					,,,,,,,,,				
	34-40																			:		
	28-33			•															*.			
	22-27	.2	9•	4.3	2.1													mm	7.3			
	17-21	.2	2.1	9.5	6.3	• 5	1.											minn	18.7			
l •	16		4.7	17.2	17.7	2.8	· L											11111111	43.7			
		.2	1.2	4.7	12.7	2.7	89		• 1			• 1						minn.	22.3		85.5	
20	9		7.	7.	201	1.8	10	3.0	• 1						2.	The second second		"HILL	5.6		ONS:	
912450		1 1	ir diametri yan dikisar ayan dikisar a		5	•2				-		74 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	x x		1			minim	1.2			
TATION NUMBER:	TION I	NNE	NE C	ENE - 1		rse .	SE.	SSE	s ,	SSE	- AS	RSA	3	FNK	an an	RNS	VARIABLE	CALM IN	TOTALS		NUMBER	HARMON MANUAL REPORT OF THE PARTY AND THE PA
;			- Agency-no-t-	: :	-	1	;		}	,			!			1	•	!				is a mailine of m
	STATION NUMBER: 912450 STATION NAME: MAKE ISLAND	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 (DEGREES)	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND LIND SPEED IN KNOTS ODFECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 Note 1 - 1	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 Note the state of	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 NE	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 N	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 NE NE NE NE NE NE NE NE NE N	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIFECTION 11-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 OEGRECS) NE NE NE NE NE NE NE NE NE N	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIFECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 OEGREES) NN NN NN NN NN NN NN NN NN	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 NE NWE NWE RWE SE SE SSE SSE SSE SSE SSE	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND DIRECTION	STATION NUMBER: 912450 STATION NAME: WANE ISLAND DIFFCTION 11—3 4—6 7—10 11—16 17—21 22—27 28—33 34—40 NEW 1—2 4—7 2—1 6 NEW 1—2 4—4 17.2 9.5 4.3 .4 ENEW 2—1 17.7 6.3 2—1 SEW 2—2 1 17.7 6.3 2—1 SEW 2—3 1 17.7 6.3 2—1 SEW 2—4 17	STATION NUMBER: 912450 STATION NAME: MAKE ISLAND DIRECTION	STATION NUMBER: 912450 STATION AAME: WAKE ISLAND DIRECTION (DEGRECS) NAME	STATION NUMBER: 912450 STATION ARKE: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 OEGGE ES) NE NE NE CHE SE SE SE SE SE SE SE SE SE	STATION NUMBER: 912450 STATION ARKE: WAKE ISLAND DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 OEGGREES) N N N N N N N N N N N N N	STATION NUMBER: 912450 STATION NAME: MAKE ISLAND DIRECTION OFFICE CS. NE FIRE SSSE NE NE NE NE NE NE NE NE	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND OFFECTION	STATION NUMBER: 912450 STATION NAME: WAKE ISLAND UNDECTION UNDEC	STATION NUMBER: 912450 STATION ANNE: WARE TSLAND UDGECTION 1-3 4-6 7-10 11-16 17-21 22-37 28-33 34-90 UDGECTION 1-3 4-6 7-10 11-16 17-21 22-37 34-90 NE	STATION NUMBER: 912450 STATION ANNE: WARE ISLAND DIECREES) N HH HH NE L L L L L L L L L L L L L	STATION NUMBER: 912450 STATION ANNE: WARE ISLAND DIECTION NEW 1-3 4-6 7-10 11-16 17-21 22-27 28-33 3-40 DIECRES) NEW 1-2 1-2 4-4 17-2 5-5 3-3 3-40 FIRE4 2-1 12-7 17-7 6-3 2-1 SS SS SS SS SS SS SS SS SS SS SS SS SS

	ATO MENTE SEDUTERIMAN					South Co.	CHO TO TO WAY	THE TOTAL TOTAL TOTAL			
		1	. 1								
STATION NUMBER:	912450 STATION NAME:		WAKE ISLAND	0			PER	PERIOD OF RECORD: MONTH: NOV HO	0RD: 77-66 HOURS (LST):	77-86 LST1: 0300-0500	0050
	•		•	S ONIA	PEED	KNOTS	• • • • • • • • • • • • • • • • • • • •		•	••••••	•
DIRLCTION (DFGREES)	1-3 4-6	7-10		17-21	12-21	'	34-40 41-47	47 48-55	5 GE 56	TOTAL	MEAN
22	. 2	2	.2	•			•	•		9.	7.0
L L	2*	m	2.	٠,	9.					1.9	16.9
NE	89	1.7	8.8	2.8	9•					10.7	14-1
ENE	9•	6.3	16.2	11.0	8.4	•3	•3			39.6	15.5
.	.3 2.6	10.4	13.3	9•9	1.1	£.				34.6	12+8
ESE	1.9	2.8	2.5	6.	.2					8.2	10.4
SE	5.	9•	9.	.2						1.9	9.3
SSE	\$.	-2	.3							6.	8.7
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38											
MSH	S.									•5	5.3
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ANG	.2	-2								• 3	6.5
VARIABLE											
		· mmn	mmm	'HHHH'	<i>minim</i>	minin	<i>mmm</i>	mmm	THILL THE	8.	111111
TOTALS	.6 T.T	22.6	38.3	21.8	7.3	9.	• 3			100.0	13.6
	•								•	•	
TOTAL NUMBER OF	OF OBSERVATIONS:	547									

STATION NUMBER STRATECHARC WARE ISLAND PROPRILED OF RECORD: 77-06	פרנ	,											
STATION NUMBER: 912400 STATION NUME: NAME:	AIF	R WEATHER SE	RVICE/MAC						ממרני מפסכא				
DEFECTION 1-3 w-6 7-10 11-16 17-21 22-21 22-13 34-40 41-37 46-55 65 50 11 160 100	STA	ATION NUMBER		STATION		1 1	AND			PERIOD OF RIMON	ECORD: HOURS (1	1 1	0800
OLIGIC [25] 1-3 4-6 7-10 11-16 17-21 22-27 22-23 34-40 41-47 46-55 66 56 15.44 10.70 10.00 10.		:					:	SPEED I	KNOTS	:	• ,		:
NE NE NE NE NE NE NE NE		DIRECTION	1-3	9-4	7-10		17-21	1 1		8 b Lh-Ih	99	TCTAL	MEAN WIND
NEE	•	2			1.	2						*	10.7
FERE 1.1 1.2 11.1 1.3 5.0 5.1 5.0 13.0		NNE			• 3	9•	*	•3				1.5	14.9
FERE -3 -3 5.2 15.3 11.4 2.6 3.1 5.9 39.0 13.4 5.6 5.1 5.3 5.6 6.0 13.4 15.5 5.6 6.0 2.1 5.5 39.0 13.4 15.5 5.6 6.0 2.1 5.5 5.6 6.0 13.4 15.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6		J.	• 1	3	1.8	5.1	2.9	*	*			11.0	14.9
C C C C C C C C C C		ENE	•3		5.2	15.3	11.4	2.8				35.1	15.3
SE	***************************************		-	1.3	11.1		9.9	2.1	•5			39.0	13.4
SE	-	ESE	•3	8	3.5		6.					8.0	10.6
1. 1. 1. 1. 3. 9.0 1. 1. 1. 1. 3. 6.0 1. 0.3 6.0 1.	į		 	.3	9.	6.	10					2.0	10.1
.1 .1 .3 6.0 .1 .1 .1 .1 .3 6.0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .					3.	£.						1.0	7 - 4
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .		S		1.		.1						.3	9.0
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.3 .1 .1 .5.0 .1 .1 .5.0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	;	a Su	-	•1	-							.3	0*9
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1.0 3.8 23.2 42.3 22.3 5.6 .9 13.7	ì	CALM	Timini.		1111111		mmm.	· · · · · · · · · · · · · · · · · · ·	mmmm.	<i>mummu</i>	mmmn		111111
OF OBSERVATIONS: 792	1	TOTALS		3.8	23.2	42.3	22.3	5.6	6.			100.0	13.7
OF OBSERVATIONS:													
	101	TAL KUMBER Ô	F OBSERVAT	10NS:	792								

H PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS		PERIOD OF RECORD: 77-86 MONTH V HOUSE (1 ST): 0900-1100
FREQUENCY		STATION NUMBER: 912450 STATION NAME: WAKE ISLAND
TAGE		HAK
CRCEN		NAME:
•		TION
	O A	STA
GY BR	ICE / HI	912450
GLUBAL CLIMATOLOGY BRANCH USAFETAC	AIR WEATHER SERVICE THAC	1BER:
L CL II	FÅTÄFI	ON NO
GLÜBA USAFE	AIR	STATI
i	1	

1.1 1.1 9.5 36.6 36.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0							POR - LI-201		
11 1.0 5.1 3.0 .2 .9 .5 .11 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	DIPLCTION			-10	11-16	-21	2-27 28-33 34-40 41-47 48-55		HEAN
1.1 20.2 1.1 20.2 1.1 20.2 1.1 20.2 1.1 20.2 1.2 2.4	2		**	7		*			
1.0 5.1 3.0 .2 36.6 16.0 1.1 2.6 2.9 1.1 4.4 36.6 16.0 2. 2.9 1.1 6.9 1.2 3. 3. 3. 3. 3. 3. 3.	ING				7.	•2	5*	1.1	20.2
.7 3.4 16.9 11.2 4.4 36.9 14.8 .5 5.7 2.9 1.1 6.9 12.3 .2 1.7 .9 .5 3.4 10.1 .1 2. .2 .2 3.3 11.1 .4 .2 .2 .1 0.0 .1 0.0 .4 .2 .2 .2 .1 0.0 .1 0.0 .1 0.0 .1 0.0 .1 0.0 .1 0.0 .1 .1 0.0 .1 .1 0.1 .1 0.1 .1 0.1 .1 0.1 .1 .1 0.1 .1 .1 0.1 .1 .1 .1 0.1 .1 .2 .1	NC NC					3.0		9.5	14.8
.5 5.7 21.2 5.4 3.4 18.8 .1 2.6 2.9 1.1 6.9 12.3 .2 .2 .2 3.3 11.1 .1 .2 .1 .1 6.0 7.3 .4 .2 .2 .1 .1 4.0 .1 .1 .1 .1 4.0 .1 .1 .1 .2 12.0 .1 .1 .2 .2 12.0 .1 .1 .2 .2 .2 .1 .2 .2 .2 .2 .1 .1 .2 .2 .2 .1 .2 .2 .2 .2 .1 .2 .2 .2 .2 .1 .2 .2 .2 .2 .1 .2 .2 .2 .2 .1 .2 .2 .2 .2 .1 .2 .2 .2 .2 .1 .3 .3 .3 .4 .3 .1 .3 .3 .4 .3 .4 .3	ERE		.,	3.4	16.9	11.2	***	36.6	16.0
.1 2.6 2.9 1.1 3.3 11.1 3.3 11.1	<u> </u>		8.	5.7	21.2	8.2	3.4	38.9	14.8
.1 .19 .5 .2 .2 .2 .1.0 7.3 .1 .2 .2 .2 .2 .2 .1.0 7.3 .1 .4 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	(SE			2.8	2.9	1.1		6.9	12.3
.5 .2 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SE		-2	1.7	6.	\$.	,	3.3	11.1
.1 6.0 .1 1 4.0 .1 .1 4.0 .1 .1 .1 .1 .1 .1 .1 .2 12.0 .1 .1 .1 .2 .1 .2.0	SSE		• 5	•2	•2			1.0	7.3
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .12.01 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	, s							•	6.0
.1 .1 .2 12.0112 12.02 12.0	SSE		3	•2				9•	5.6
.1 4.0 .1 .1 .2 12.0 .1 .1 .2 12.0 .1 .1 .1 .2 12.0	30								
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3.2 15.6 47.8 24.7 8.5 14.8	ANN		:	-		•1		• 2	12.0
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	TOTALS	,	3.2	15.6	4.7.8	24.7	S • 80	100.0	14.8
	TOTAL NUMPER U)F OBSERVATION	: .	822					

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	OBSERVATIONS: 853	101AL NUMBER OF
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100.001	4-2 15-5 47-2 22-9 9-8 -4	TOTALS
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O*9 h*	.2 .1	ENW
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3.2 11.2	5. 1. 1.6 1.1 .2	30
8.3 12.7	.1 2.8 4.2 1.1 .1	ESE
33.5 15.0	.2 5.3 16.8 8.1 3.0 .1	3
36.6 16.0	.7 3.6 16.3 10.7 5.2 .1	ENE
11.8 15.3	.2 1.1 7.0 2.3 1.2	: :
1.9 16.4	.1 .9 .6 .1	MNE
11.4	.2 .1 .5	2
6E 56 TOTAL	2-27	DIPECTION (DEGREES)
•••••••••••••••••	STCNA NI 0334S ONI	-
l i	912450 STATION NAME: WAKE ISLAND	STATION NUMBER:
,		AIR WEATHER SERV
NO DIRECTION TENSOS MIND SPEED ONS	Y BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE MIND DIRECTION FROM HOURLY OBSERVATIONS	GLOBAL CLIMALOLOGY BRANCH USAFETAC

STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION NUMBER: 912450 STATION S	AIR WEATHER SERVICE THAC	ERVICETHAC						,			
UTBRECTION 1-3 4-6 7-10 11-16 17-21 27-27 28-33 34-40 OFGRESS 1-3 4-6 7-10 11-16 17-21 27-27 28-33 34-40 N	STATION NUMBER	912450	T10H N	ü	7	ON			RECOR OV	1	1700
1-3 4-6 7-10 11-16 17- 1						ONIR					•
.1 .4 .6 .1 .7 .2 .2 .2 .0 .7.2 .6 4.0 16.3 1 .1 .2 5.2 17.7 1 .4 2.0 2.7 .6 .9 .6 .7 .2 .5 .4 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1	UIRECTION (OF GRE FS)				16	11 1	, 12-25	9-33 34-40	41-47 48-55 GE 5	6 TOTAL	HEAN
1	• ,		-	-2		• 1			•	.5	10.0
15. 2.0 7.2 3.4 1.6 .1 .1 .1 .1 .1 .1 .	NNE			7	9.	1.0	•			2.5	16.3
1.2 5.2 17.7 10.0 2.1 .2 36.5 14.7 17.0 1.0 2.1 .2 36.5 14.7 17.0 3.0	NE		2.	2.0	7.2	3.4	1.6	.1		14.6	_ 1
.4 2.0 2.7 .4 5.5 11.9 .6 .9 .6 .4 2.5 10.6 .2 .5 .9 .6 .4 2.5 10.6 .4 .1 .1 .7 8.0 .7 8.0 .1 .1 .1 .1 .1 .5 .2 .5 .5 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .1 .0 .2	CNE		9.	0.4	16.3	10.2	3.2	9.		35.0	15.8
.4 2.0 2.7 .4 2.5 10.6 .5 .5 .4 .7 8.0 .4 .1 .1 .5 6.0 .1 .1 .1 .1 6.0 .1 .2 .2 .2 .2 .5 5.5 .2 .1 .1 .1 .2 .2 .2 .2 .4 .5 .5 .6 6.8 .1 .2 .1 .1 .1 .2 .2 .2 .7 .7 .6 6.8 .6 6.8 .6 6.8 .6 <t< td=""><td></td><td></td><td>1.2</td><td>5.2</td><td>17.7</td><td>10.0</td><td>2.1</td><td>-2</td><td></td><td>36.5</td><td>14.7</td></t<>			1.2	5.2	17.7	10.0	2.1	-2		36.5	14.7
.6 .9 .6 .4 2.5 10.6 .1 .1 .1 .1 .1 .1 .1 .5 6.0 .1 .1 .2 .1 .1 .0 .1 .1 .0 .1 .0 .1 .0 .1 .0 .2 4.5 .5 .5 .2 .4 .5 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .6 6.6 6.8 .6 .6 6.8 .6 6.8 .6 .6 6.8 .6 <td>CSE</td> <td></td> <td>7</td> <td>2.0</td> <td>2.7</td> <td>*</td> <td></td> <td></td> <td></td> <td>5.5</td> <td>11.9</td>	CSE		7	2.0	2.7	*				5.5	11.9
.2 .5 .7 8.0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 <	36		9.	6.	9.	7				2.5	10.6
.4 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .1 .1 .2 <td< td=""><td>SSE</td><td></td><td>•2</td><td>• 5</td><td></td><td></td><td></td><td></td><td></td><td>۲۰</td><td>. 8 · O</td></td<>	SSE		•2	• 5						۲۰	. 8 · O
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.1 .2 .1 .1 .2 .1 .1 .1 .2 .4.5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	3155		ا:							.1	5.0
.2 .2 .2 .2 .2 .2 .2 .4.5	NS		1.							•1	6.0
.2 .2 .5.5 .2 .4.5 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	KSW	,									
.1 .1 .1 .2 7.0 .1 .2 .1 .6 6.8 .1 .1 .1 .6 6.8 .1 .1 .1 .1 .1 .1 .1 .1	28		2.							•2	• 1
.1 .2 7.0 .6.8 .6.81 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	RNA		•2							•2	4.5
.1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	32	:	1.							.2	7.0
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.1 5.1 15.6 45.3 25.4 7.3 1.0	VARIABLE				•						
.1 5.1 15.6 45.3 25.4 7.3 1.0		l munimini	mm	umn		minn.	nunn.				min
	TOTALS	;	5.1	15.6	45.3	25.4	7.3	1.0		100.0	14.7

STATION NUMBER SERVICE/MAC STATION NAME: WARE ISLAND PERSON OF RECORDS 71-64 SEGON OF RECORD	14TION NAME: 4-6 7-10 6 4.0 1.2 7.5 1.2 3.3 1.2 3.3	HAKE ISLAND WIND SPEED IN KNOIS 11-16 17-21 22-27 28-33 34-40 .7 .9 .6 6.0 4.3 1.2 .1 17.1 9.4 5.4 .6 16.2 8.0 2.1 2.0 .2 .1 .1 .2	7-86 51): 1800-2000 TCTAL HEAN 2 HIND 2 7 16.5 13.0 15.9 37.2 14.0 7.4 9.8
1-3 4-6 7-10 11-16 17-21 2 ₂ -27 2 ₈ -33 34-40 41-47 48-55 6 ¹ / ₁₆ 15-16 17-16 17-21 2 ₂ -27 2 ₈ -33 34-40 41-47 48-55 6 ¹ / ₁₆ 15-16 17-16 17-21 2 ₂ -27 2 ₈ -33 34-40 41-47 48-55 6 ¹ / ₁₆ 17-16 1	1-3 4-6 7-10 1-3 4-6 7-10 5 5 6 1 1.4 1 1.7 7.5 1 1.6 4.0 1 1.6 4.0 1 1.6 4.0 1 1.6 4.0	WAKE ISLAND LIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-4D 4 7 9 17.1 9.4 5.4 6 16.2 8.0 2.1 2.0 .2 .1 2.0 .2 .1	7-86 SI): 1800-2000 TCIAL MEA 2 - 7 16 13.0 15 37.2 14 7.4 9
DDECETION 1-3 4-6 7-10 11-16 17-21 28-33 34-40 41-47 48-55 GE 56 FOILL OFFGETON 1-3 4-6 7-10 11-16 17-21 28-33 34-40 41-47 48-55 GE 56 FOILL OFFGETON 1-2 -3 -4 -6 7-10 11-16 17-21 28-33 34-40 41-47 48-55 GE 56 FOILL N	DIRECTION 1-3 4-6 7-10 (DIGRETS)	11-16 17-21 22-27 28-33 34-40 11-16 17-21 22-27 28-33 34-40 4 7 9 6 6 0 4 3 1.2 6 17.1 9.4 5.4 6.4 16.2 8.0 2.1 2.0 .2 .1	101AL HEA 2
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-80 41-47 48-55 6E 56 16/AL 22-27 28-28 2	1-3 4-6 7-10 -2 -1 -2 -2 -1 -2 -3 -4-6 1-4 1-4 1-4 1-4 1-5 -5 -9 -9 -9 -9 -9 -9 -9 -9	11-16 17-21 2 ₂ -27 2 ₈ -33 34-40 41-4 2,7 9 6 6.0 4.3 1.21 17.1 9.4 5.4 6. 16.2 8.0 2.1 2.0 .2 .1 .1 .2	101AL NE 2 VI 2 0 1 13 0 1 37 2 1 7 0 4
-2 . 1 . 2 . 3 . 6 . 5 . 7 . 7		6.0 4.3 1.2 .1 17.1 9.4 5.4 .6 16.2 8.0 2.1	2.7 1 13.0 1 37.2 1 35.2 1 7.4
1,4 6,0 4,3 1,2	9.1 1.3	6.0 4.3 1.2 17.1 9.4 5.4 .6 16.2 8.0 2.1 2.0 .2	
11.4 6.0 4.3 1.2 1 11.5 16.2 8.0 2.1 6 11.6 3.3 2.0 1 11.7 3.3 2.0 2 11.8 3.3 2.0 1 12.9 3.1 2.0 1 13.5 2.0 1 14.9 3.1 2.0 1 15.0 3.1 3.2 1 16.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.1 3.2 1 17.0 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	1.0	6.0 4.3 1.2 17.1 9.4 5.4 .6 16.2 8.0 2.1 2.0 .2 .1	
1 1.3 1.5 1.6.2 8.0 2.1 35.2 1 1.5 3.3 2.0 2.1 1.0 2	100	16.2 8.0 2.1 2.0 .2 .1	
1 1.5 7.5 16.2 8.0 2.1 7.4 1.0 3.3 2.0 .2 .1 7.4 2.0 .2 .1 7.4 2.1 .1 .1	108	16.2 8.0 2 2.0 .2	
1.0	9-1	2.0 .2	
.5 .9 .) .2 ., 4 ., 4 ., 4 ., 4 ., 4 ., 4 ., 4 .	2 °	۰ (۰	80
, 4 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1 , 1			
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	_		T. 4 4.
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	S		.1 6.0
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	755		
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	#S		
.1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .	KSK		
.1 .4 .4 .4 .7////////////////////////////	. 2.		
.4 .4 	KNN.		
.5 4.9 18.5 42.4 23.1 9.4 .6 .1 100.0			
7/////////////////////////////////////			
.5 4.9 18.5 42.4 23.1 9.4 .6 .1	_ •		
.5 4.9 18.5 42.4 23.1 9.4 .6 .1			
	.5 4.99	42.4 23.1 9.4 .6	

STATION NUMBER: 912450		STATION NAME:	WAKE ISLAND	ONI				PERIOD OF RE MONTH: NOV	COR	D: 77-86 HOURS (LST): 2	2100-2300	8
			•	ONIR	SPEED	IN KNOTS		• • • • • • • • • • • • • • • • • • • •	• • • • • •		•	:
DIRECTION (DEGRE ES)	1-3 4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47 48	48-55 6	GE 56 TOTAL		HEAN
2	.1 .2	•	2	.2	•			•••••••••		•	8	11.0
NNE		7.	8.	. 5.	• 1						1.9	14.7
1) 2)		1.1	5.3	2.7	1.2	-2	•1			1	10.6	16.4
L	5	3.7	17.9	11.2	4.1	9.				E	37.9	16.1
3	.1 2.1	8.9	18.3	7.0	2.1	-2				8	38.9	13.5
rs E	.1 2.0	2.6	1.8	5							7.0	* 6
SE		3	.2								1.0	10.6
SSC	о т	• 1									5.	5.5
S	-5										3	6.3
ass												
NS											•1	5
WSW	and the second s											
3	,	•1										8.0
ARA		•1									•2	7.0
32	1	.2									a •	6.3
MND												
VANTAR							7					
ב ב ב	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					////		
TOTALS	0.9	17.8	44.5	22.3	7.5	1.1	-1			12	100.0	14.3

Note Note	l	AIR MEAINER SERVICE/NAC										
1-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 56 101A HE FE FE FE FE FE FE FE	STATION NUMBE	912450	TATION		1 1	ND			PERIC HONI	OF RECORD:		ا
1-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 65 5 101AL 11-2	•		•	:		DNIA	SPEED	KNOTS			•	:
2 .2 .1 .2 .1 .1 .1 .1 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 </th <th>DIRECTION (DEGRE ES)</th> <th></th> <th>9-</th> <th></th> <th>11-16</th> <th></th> <th>12-23</th> <th>3-33</th> <th>0.4-</th> <th>48-55 GE</th> <th></th> <th>MEAN</th>	DIRECTION (DEGRE ES)		9-		11-16		12-23	3-33	0.4-	48-55 GE		MEAN
1.0	2		.2	.2	2.	.1			• • • • • • • •		7.	
2 1.4 5.7 3.0 11.3 1 5 4.3 16.7 10.5 4.3 .3 .0 36.7 1 4 8.3 17.4 7.6 2.3 .2 37.3 1 1 2.8 2.7 .7 .0 7.4 1 2 .0 .2 .0 .7 .7 .1 2 .0 .0 .0 .1 .1 .0 .1 1 .0 .0 .0 .1 .1 .2 .1 1 .1 .0 .0 .1 .1 .2 .1 1 .1 .0 .0 .1 .1 .2 .1 1 .1 .0 .0 .0 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1<	BNG	0.	0.	.3		1	•3	0			1.9	16.1
5 4,3 16,7 10.5 4,3 3 0 36,7 1 4 8,3 17,4 7,6 2,3 .2 37,3 1 1 2,6 2,7 .7 .0 .7 .7 2 .0 .0 .0 .3 1 .0 .0 .1 .1 1 .1 .0 .0 .1 1 .1 .0 .0 .3 1 .1 .0 .0 .1 1 .1 .0 .0 .3 1 .1 .0 .0 .3 1 .1 .0 .0 .0 .3 1 .1 .2 .0 .0 .3 1 .1 .2 .0 .0 .0 .3 1 .1 .0 .0 .0 .1 .1 .0 .0 .1 .1 .0 .0 .1 .1 .0 .0 .1 .1 .0 .0 <td>32</td> <td>0</td> <td>-2</td> <td>1-4</td> <td>5.7</td> <td>3.0</td> <td>6.</td> <td>•1</td> <td>0.</td> <td></td> <td>11.3</td> <td>15.3</td>	32	0	-2	1-4	5.7	3.0	6.	•1	0.		11.3	15.3
4 8.3 17.4 7.6 2.3 2.2 37.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.0 1.1 1.0 1	LNE	0.	•5	4.3			•		0.		36.7	15.8
2.8 2.7 .7 .0 .2 .2 .2 .2 .2 .2 .2	а	1, 1	1.4	8.3		7.6	2.3	•2			37.3	13.9
4 2 -0 -7 2 -1 -7 -7 2 -0 -3 1 -0 -1 2 -0 -2 1 -0 -2 1 -0 -2 1 -1 -2 1 -1 -2 1 -1 -2 1 -1 -0 -1 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0 1 -1 -0 -0	fisE	1,	1:1	2.8	2.7		0•				7.4	10.9
1 .0 .3 1 .0 .1 2 .0 .1 1 .0 .2 1 .0 .2 1 .1 .2 1 .1 .1 1 .1 .2 1 .1 .2 1 .1 .2 1 .1 .1 1 .1 .0 .3 1 .1 .2 .4 1 .1 .2 .4 1 .1 .2 .4 1 .4 .4 .5 .6 1 .1 .1 .1 1 .4 .4 .4 .4 .4 1 .4	SE	-1		1.0	9.	•2	0.				2.2	10.4
1 .0 .0 .1 1 .0 .2 .2 1 .0 .1 .1 1 .0 .1 .1 1 .1 .0 .3 1 .1 .0 .3 1 .1 .0 .3 1 .1 .1 .4 .7 1 .1 .2 .4 .7 1 .1 .2 .4 .4 .7 1 .6 .1 .100.0 .1	SSE	0.	#4	2.							7.	7.3
1	\$		-2	0	G.						•3	6.5
2	MSS		1.	0.							.1	# · S
2 .0 .2 .2 .1 .0 .0 .0 .1 .1 .1 .0 .0 .0 .3 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	ЖS		.1								•1	5.4
1 .0 .1 .1 .2 .2 .3 .3333333333333334	asa.		-2	0.							•2	5.3
1 .1 .0 .0 .2 .6 1 .1 .0 .0 .0 .3 .8 1 .1 .1 .0 .0 .0 .3 .8 1 .1 .1 .0 .0 .0 .3 .8	26	***	•1	0.							•2	6.0
1 .1 .0 .0 .0 .3 8 11 .1 .0 .0 .0 .3 8 1111111111111111	MAIN		-	0								6.1
1 .1 .0 .0 .5 .3 8	N. P. P. P. P. P. P. P. P. P. P. P. P. P.		-								•2	6.5
0 18.8 44.1 22.7 7.9 .6 .1	NNS	0.	•1		0.	0.					•3	8
0 18.8 44.1 22.7 7.9 .6 .1												• • • • • •
0 18.8 44.1 22.7 7.9 .6 .1	САСМ	Timinini.		mm	11111111	mini	minni	mm	mmm	<i>minimum</i>		111111
	TOTALS	5.	5.0	18.8	3	22.7	7.9	9.	1.		100.0	14.3
			:									

	RETAC							MOUNT O	FROM HOURLY OBSERVATIONS	SMS					ı
4TV	AIR KEATHER SERVICE/MAC	RVICE/MAC												,	
STA	STATION NUMBER:	912450	STATION NAME:		WAKE ISLAND	ONI			a.	PERIOD OF RE Month: Dec	COR	71 URS (LS	, 7): 0000-0200	200	
	:-			•	•	NIR	SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	•	•			
	OIRECTION (OF URE ES)	1-3	9-h	7-10	11-16	17-21	12-2	28-33	34-40	41-47	48-55	6E 56	TOTAL	HE AN WIND	
	2		3	1.0	.3	2*		••••••				•	1.9	10.0	
	NNE	.1		.2	1.1	€.	8.						3.2	16.3	
:	NE	•1	• 5	1.5	3.1	1.9	1.4	.2					8.7	15.3	
;	ENE		1.0	3.2	11.2	8.7	2.9						27.1	15.5	
	3		2.2.	7.4	17.1	8.5	1.8						37.1	13.5	
	ראב	2.	٠,	3.4	3.2	5.	.1				ļ		8.1	10.5	
	SE	*		6.	.,								2.3	8.8	
	SSE			•5	.2					٠			80	9.0	
	s	1	8	6.	۳.		0						2.1	7.9	
	ass.	•		•2	.2								6.	7.1	
	35		6.	•2	•1								1.3	6.3	
!	HSM.		6		٤.	,							1.4	7.3	
†			.2	.2	.2									7.8	
	ANS												•1	5.0	
1 1	Z Z		.2	.1									£.	6.3	
,	322	.2	and the second s	• 5										6.3	
	VÁRIÁRLE														
;	CALM	ninininininininininininininininininini	unun	inini.		TITITITI.	mmm	mmm	COLUMNIA DE LA COLUMNIA DEL COLUMNIA DEL COLUMNIA DE LA COLUMNIA DEL COLUMNIA DEL COLUMNIA DE LA COLUMNIA DE LA COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DE LA COLUMNIA DE LA COLUMNIA DE LA COLUMNIA DEL COLUMNIA DE LA COLUMNIA DE LA COLUMNIA DE LA COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL COLUMNIA DEL	minn	TITITITE.	mmn	3.2	min	
	TOTALS	1.1	9.2	20.4	36.3	20.6	7.0	•2					100.0	13.0	
• •		• • • • • • • • • • • • • • • • • • • •		1 •	•								• • • • • • • • • • • • • • • • • • • •		
101	TOTAL NUMBER OF	F OBSERVATIONS:	TIONS:	873											

SPEEU	0300-0200	A1-A7 AA-55 GF 56 TOTAL HEAN	*	7-7	70.6	9.8	28.8	3307	7.0	2.1	1.	3.1	1.8	1.7	1.0	8.	•1	• 1	80		2.5 /////	100.0		
	RD: 77-86 HOURS (LST):	6F 56 T																		•	11111			
ON VERSU	RECORD:	# 8 -55 G	•																	• • • • • •	,,,,,,,,			
DIRECTI	PERIOD OF RI HONTH: DEC	41-47																		•	11111111			
ERVATION	PE	7 04.42																			,,,,,,,,,			
OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND FROM HOURLY OBSERVATIONS		•	1 •																					
CCURRENCE FROM HG		MIND SPEED IN KNOTS	27 27 27 27		10	80	2.8	1.1													mminn.	6.2		
9	Q	NIND 17-21		,	•	2.4	11.0	9.9	7	4.							,				· · · · · · · · · · · · · · · · · · ·	21.1		
E FREQUENCY	WAKE ISLAND	11-16		101	10/	4 - 1	9.5	14.4	3-1	90		9•	3.	.1							minn.	35.8		
PERCENTAGE		2-10		E.		2.1	3.4	8.5	2.8	1,	La	60	.3	9•		.3				*****************	,,,,,,,,,	20.7	71.5	
	STATION HAME:	4-4	,	8	• 3	3	2.0	2.5	-7			1.1	89•	1.0	9.	7.	19		9.		mmm	12.9	IONS:	
VICE/MAC	912450	, , , , , , , , , , , , , , , , , , ,			1		r-			*			M ·		1	A STATE OF THE PARTY AND ADDRESS OF THE PARTY		10,	1.0		Minimum Management	80	OBSERVATIONS	
GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WFATHER SERVICE/MAC	STATION NUMBER:	WOLT ORDER	:	2	TINE	NE	LNE	7	ESE	SE	SSC	S	SSR	- ns	nsn .	33	MNN	72	772	VARIARIF		TOTALS	 TOTAL NUMBER OF	
*				- inter					- Spherite in	,		i i	; †		:	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	,	!		1		 ; ; ;	

AIR WEATHER SERVICE/MAC	RVICE/HAC										
STATION NUMBER:	912450	STATION NAME:	NAKE ISLAND	AND			PERI	PERIOD OF RECORD: Howin: Dec Ho	RD: 77 HOURS (LS	PERIOD OF RECORD: 77-86 HOWTH: DEC HOURS(LST): 0600-0800	0800
:-		•	• • • • • • • •	I Pi	SPEED	15	•	• • • • • • • •	• • • • • • •	••••••	•
DIRECTION (OF CREES)	1-3 4-6	7-10	11-16	17-21	22-21	8-33	34-40 41-47	17 48-55		TOTAL	MEAN
		6	7	•		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • •	1.6 8,5	
NNE		. tt5	9.	\$.7	.1	,			2.9	16
32	.2 1.	.9 1.5	3.2	2.1	1.5	.2				10.7	14.0
FNE	S-1	5 4.5	12.2	7.6	3.4				٠	29.1	15
w	2.1	7 9.6	13.4	6.7	2.5	.2				35.2	. 13
353	.1 104	4 2.9	2.4							7.5	10
35		5 .9	.,	.1						2.2	6
SSE	•	2 .1							•	F.	9
S		9•	*							1.5	8
ASS	The state of the s	4. 9.	#							1.5	7
AS		.7 1.1	S.							2.4	80
ESX	enter entered sette - entered to the set of	2 .1								\$.	9
73		2 .5	•1							6.	1
NNS	• 1									•2	37
NA .	The state of the s	2								• 5	7
NNE		•2								• 5	7
VARIABLE											
	ninininininininininininininininininini	minni.		mmm.	mmm	mmin		mmm	mmm	1:2	min
TOTALS	.9 12.2	2 23.5	34.3	17.8	8 . 1	9.				100:0	12.1
TOTAL NUMBER OF	OF OBSERVATIONS:	805									

	GLUBAL CLIMATOLUGY BRANCH USAFETAC	OLOGY BRAN	±	P ERCENTAGE	¥	EGUENCY OF	FROM	CE OF SURF HOURLY OBS	ACE WIND ERVATIONS	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS	VERSÜS	WIND SPEED	E0	
	AIR WEATHER SE	ERVICE/MAC												
	STATION NUMBER: 912450	1: 912450	STATION NAME:		WAKE ISL	ISLAND			PEF	PERIOD OF RECORD: MONTH: DEC HO	CORD: Hour:	10: 77-86 Hours(LSI): 0	0900-1100	00
	•			•	• • • • •	RIN	WIND SPEED	IN KNOTS	•			•		• • • • • • • • • • • • • • • • • • • •
	DIRECTION (DEGRE IS)	1-3	9-4	7-10	11-16	17-21	22-27	28-33	34-40 41	41-47 48-55	55 GE	56 TOTAL		MEAN WIND
	2		8	6.	5			•	•		•••••		2.2	#**8
	RNE			1.2		•2	5.	.1		-			3.2	12.7
	NE .	-	1.0	2.2	3.6	2.4		.7				11	10.7	14.5
in the second se	ENE		1.0	3.3	10.3	. 60	3.7	•2				2	27.0	15.9
	u		7	5.2	14.1	0.6	0.4	.1	•1			3	33.9	15.2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USE		2	3.8	30 20	£,	•1						8.9	11.5
1	SE	# ***	1.3	1.6	1.3								4-1	9.1
	SSE		7.	9	F								1.6	8.0
,	s	-	M	9	٠								1.6	8.6
	MSS	•	9•	9•	•2								1.4	7.4
	MS		9•	មា	6.	٠							2.0	9.5
	NSM		9	S.	• 1								1.3	6.5
1				.1	•1								8.	9.9
	32													
ي .	A.	•	1	1									۴.	5.3
	MIL	,											.3	5.7
L sylland programme (App)	THE SECTION AND A SECTION AND		••••••	•••••••••••••••••••••••••••••••••••••••					•					
!	CALM	Mannin Ma	mm	,,,,,,,,,	11111111	minn	minni	Manda de la compania del la compania del la compania del la compania de la compania de la compania de la compania de la compania de la compan	· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,,	mmn.	111	, 1.	111111
ł	TOTALS	, œ	4.6	21.2	37.0	20.4	D*6	1.2	-			10	100.0	13.7
		· · · · · · · · · · · · · · · · · · ·								•		•		
	101AL NUMBER O	OF OBSERVATION	TIONS:	898										
	· · · · · · · · · · · · · · · · · · ·	1	Towns and the second se											
			• ,	,		e se de de la compansión de la compansió								

		LNAME	MAKE ISLAND	2			PERIOD OF RECL	99-11	
			- 1				HONTH: DEC HO	HOURS(LST): 1200-1400	1400
DIRECTION	1-3 4-6 7-1		11-16	21ND	SPEED I	N KNOTS 28-33 34-40	:	41-41 48-55 GE 56 TOTAL ME	MEAN
(DEGRE FS)									DNIM
22	UC.	1.2	6	M			•	3.2 10.0	10.0
NNE	٤*	1.0	1.1	9.	*		•1	3.6	14.0
	.2 1.6	1.3	3.0	2.1		.2		9.2	13.4
JNJ ,	٤.	3 · 3	10.9	8.7	3.9			28.3	15.8
tul i	2*	D • #	16.0	9.1	4.1	•2		33.6	15.8
ESC	•1	1.9	3.0	.7	•3			0*9	13.2
SE	1.3	2.2	1.6					5.1	9.2
SSE	8.	1.0						2.5	8
s	1.0	9.	7.					2.0	7.6
- ASS	.1	•2	.3					1.1	7.3
SK	6•	3						1.7	7.
KSW	£.	6.	2.					1.5	8
æ.	£•	3	•2					1.0	8

Z Z	• 2		• 1					ۥ	8.0
ana ana	D	3						6.	4.9
A NA DA NA			•						
	กับกับกับกับกับกับกับกับกับกับ	,,,,,,,,,		dinni.	mm	mmm		mmm	.11111
TOTALS	•3 9•2	20.1	38.9	21.5	9.5	7,	• 1	100.0	14.0

GLOBAL CLIMA USAFETAC AIR WEATHER			5	L	REQUENCY OF	OCCURREN FROM	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	SERVATION	DIRECTI	ON VERSUS	WIND	SPEED		
STATION NUMB	NUMBER: 912450 S	STATION	NAME:	WAKE ISL	ISLAND			7	PERIOD OF RECORD: HONTH: DEC HO	C. HOL	U: //-86 HOURS (LST):	1500-1700	00	
	-			•	I	SPEED	75	•	• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • • • • • • • • • • • •	
DIRECTION (DEGPEFS)	1 1-3	9-4	7-10	11-16	17-21	12-22		34-40 4	41-47 4	48-55	GE 56 TC	TOTAL *	MEAN WIND	
2	1	7	77	6	4		•	•	•	•	• • • • • • •	2.6	10.3	
JNN			1.5	1.4	8.	9•						5.2	13.1	ł
N			2.5	3.6	1.8	80	•					9.5	13.8	ı
EME		1.5	3.9	12.0	10.4	3.4						31.2	15.5	- 1
E		.7	4.7	. 11.7	9.3	2.8						29.3	15.1	
ESE		S.	1.8	3.4	9•							6.2	12.2	
TS		7.	2.2	1.5								4 • 5	9.7	ı
SSE	.2	4	9•	3								1.8	7.9	
S		1.1		•2								2.0	7.1	
MSS	•	1.2	37									1.8	6.2	
MS		• 5	80	*								1.6	8.2	1
HSH		.7	9.	.2								1.5	7.5	
38		9•	• 5	3	•1							1.5	9•0	ı
NHX.		•2										•2	5.0	- 1
NN .	1													
ANN		3	7	• 5								1.2	9.1	
			••••••••••						•	•				
VARIABLE														
CALM													,,,,,	
TOTALS		10.4	21.0	36.7	23.3	7.6	•2					100.0	13.6	
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The state of the s	GLOBAL CLIMATOLOGY BRANCH	LOGY BRANC		PERCENTAGE	E FREQUENCY	90 F	CCURRENCE FROM HO	OF SURFACE	OCCURRENCE OF SURFACE WIND DIRECTION VERSUS FROM HOURLY OBSERVATIONS	ION VERSUS WIND	D SPEED	
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	STATION NUMBER:	912450	STATION NAME:		WAKE ISLAND	ON			PERIOD OF RECORD: MONTH: DEC HO	URS (L	1 1	
- ,	:-		•	•	•••••	ONIM	SPEED I	KNOTS	• • • • • • • • •	• • • • • • • •	••••••••	•••••••••
	DIFECTION (1-3	9-11	7-10	11-16		12-22		41-41	48-55 GE 56	TOTAL	MEAN Wind
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	ERE		2.0	3.4	13.8	11.2	2.7				33.0	15.2
	W		3.1	6•9	14.0	7.2	1.9				33.0	13.5
			1.0	2.8	2.3	• 5					9.9	10.5
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:	3	2.5	• 5	8	1.0						1.6	7.4
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POST NOTE TO			1	- 1							
SIALLUN NURBEL	STATION NUMBER: 912450 STAT	STATION NAME:	E: WAKE	E ISLAND	o			PERIOD C HONTH:	PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST):	77-86 LST1: 2100-2300	2300
•	•	•			Z	PEED	IN KNOTS	•		• • • • • • • • • • • • • • • • • • • •	•
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UNE		-2	-2		7.	٤,	•1			2.3	16.3
RE	1.	.5	1.8	3.8	1.9	1.1	.3			9.6	14.8
ENE		9	4.6	12.3	10.7	3.3	.2			32.0	15.5
3	. 3	3.6	7.1	14.1	7.0	2.4				34.5	13.4
ESE		1-1	3.4	3.0	.3	•1				8.0	10.3
SE		9.	• 3	• 5						1.4	8.6
SSE		.1	-	•2						S	9.8
S		.6	1.1	2.						1.9	8.0
MSS		9.	• 3							6.	5.8
NS S.M.		æ	•2	-2						1.3	7.3
MSM		-2	•2	.2							8.8
3		.3	•2							α.	5.4
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22	•	.3	•2							7.	5.3
ANN			۳.	•						r.	7.3
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		2.8	11.6	9.6	3.3	.1			29.6	6 15.5
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The state of the s		•	3.1	• 5					7.3	3 11-2
38		1.2	6.	0.					3.0	9.1
388		5.	ŧ.						1.1	1 8.2
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N N	2. 0.	• 1	0.						•	4 5.8
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TOTALS	.8 10.9	20.9	37.0 2	21.0	7.6	*	0.		100.001	13.3
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TOTAL NUMBER OF OB	OBSERVATIONS:	6742								
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NO SPEC	GE 56 TUTAL MEAN 2 NIND 2 0 9.9 2.5 12.7 8.0 13.2 26.7 13.7 26.7 13.7
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 .0 .5 .7 .5 .7 .5 .12 .4 .2 .0 .0 .0 .1 .7 1.8 3.3 1.6 .4 .2 .0 .0 .0 .1 3.0 10.1 16.9 4.6 .7 .0 .0 .0 .0 .8 2.0 1.1 .1 .0 .0 .0 .0 .0 .6 1.1 .5 .7 .2 .0 .0 .0 .0 .4 .5 .3 .1 .0 .0 .0 .0 .0 .4 .4 .2 .1 .1 .0 .0 .0 .0 .4 .5 .3 .1 .1 .0 .0 .0 .0 .4 .5 .3 .1 .1 .1 .0 .0 .0 .0 .7 .0 .0 .0 .0 .0 .0 .4 .4 .5 .3 .1 .0 .0 .0 .0 .5 .2 .7 .2 .0 .0 .0 .7 .0 .0 .0 .0 .0 .4 .5 .3 .1 .1 .1 .0 .0 .0 .0 .7 .5 .2 .1 .0 .0 .0 .0 .7 .2 .2 .1 .0 .0 .0 .0 .7 .2 .2 .1 .0 .0 .0 .0 .7 .2 .2 .1 .0 .0 .0 .0 .7 .2 .2 .0 .0 .0 .0	GE 56 TOTAL M 2.0 2.5 2.5 2.5 35.5
.0 .5 .7 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	2.5 2.5 8.0 35.5
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FNE E. 1 3.6 5.5 12.4 5.7 1.4 .1 .0 FYSE SSE SSW WNW NW E. 1 1.5 5.5 12.4 5.7 1.4 .1 .0 10.1 10.1 16.9 4.6 .7 .0 10.1 10.1 16.9 4.6 .7 .0 10.1 10.1 16.9 4.6 .7 .0 10.1 10.1 16.9 4.6 .7 .0 10.0 10.0 1.1 .1 .1 .0 10.0 0.0 0.0 0.0 10.1 0.1 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.0 0.0 0.0 0.0 0	
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FSE	
SSE	9.2 9.5
SSE	4.1 9.3
SSW	2.4 9.1
SSW	3.0 9.3
SW •0 •4 •4 •2 •1 •0 •0 WSW •0 •3 •3 •1 •1 •0 •0 WINW •0 •3 •3 •2 •0 •0 •0 NW •0 •2 •2 •0 •0 •0 •0	1.3 9.9
WSW	1.1 9.3
HRIN .0 .2 .2 .0 .0 .0 NW .0 .2 .2 .1 .0	.8 9.1
MNW .0 .2 .2 .0 .0 .0	0.8 8.
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11NW 0 .3 .3 .2 .0 .0	9.8 8.
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CALM TILLILITATION TO THE TOTAL TOTA	111111 6. 11111111
TOTALS .8 12.2 29.1 40.3 13.4 3.0 .2 .0 .0	.00.001 11.8

HERE' 912450 SITION NAME: WAKE ISLAND HOWITH: ALL CELLINGS 20D FEET OF HORE WITH VISIBILITES 1/2 TO 2-1/2 MILES CELLINGS 20D FEET OF HORE WITH VISIBILITES 1/2 TO 2-1/2 MILES CELLINGS 20D FEET OF HORE WITH VISIBILITES 1/2 TO 2-1/2 MILES SI	A 1 K	GLUSAL CLIMAIOLOGI BRANCH USAFETAC	9	P ERCENTAGE	FREQU	ENCY OF 0	CCURRENC FROM H	OCCURRENCE OF SURFACE WIND DIRECTION FROM HOURLY OBSERVATIONS	ACE VING	DIRECT 4S	ION VERSUS	WIND SPEED	0	
DIRECTION DIRECTION N N N N N N N N N N N N		912450 Î	TION N	- 1	ISL	ON			ā.	RIOD OF	RE CORD:	17-86		
CELLINGS 200 FEET OR MORE WITH VISIBALLIES 1/2 TO 2-1/2 WILES CELLINGS 200 FEET OR MORE WITH VISIBALLIES 1/2 TO 2-1/2 WILES CELLINGS 200 FEET OR MORE WITH VISIBALLIES 1/2 TO 2-1/2 WILES CELLINGS 200 FEET OR MORE WITH VISIBALLIES 1/2 TO 2-1/2 WILES CELLINGS 200 FEET OR WINNING 2-2 2-3/3 Set Of 1-2 2-2/3 2-3/3 Set Of 1-2 2-2/3 2-3/3 Set Of 1-2 2-2/3 2-3/3 Set Of 1-2 2-2/3 2-3/3 Set Of 1-2 2-3/3 Set O		•					1:3				LL TOURS			
DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GG 56 1074L			7 3	IL INGS	1 33		. 3	SIBILTIES	1/2	2-1/2 H	ILES			
DIRECTION 1-5 4-6 7-10 11-16 17-21 25-27 26-31 54-60 41-47 46-55 66 55 10714 HIAM						:		KEOTS						
N	1 1 1	-3 4				17-21	22-21	1		11-47				zo
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ESE	ų		89	• [14.4	•	1.2	8.				∞	ar •	
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SSW	1		٠,	•	1.7	• 5		•2	9.	•2	.2	S	-4 17	6.
KIN S.S	MSS		.2	5.	1.1	•			•2			#	.5 21	2.
KNW .8 .3 .2 .2 .2 .1.5 .1.9 KNW .8 .3 .38 INW .6 .2 .2 .2 .2 .1.9 VARIABLE2 .2 .2 .29 TOTALS .5 5.7 21.5 36.1 19.1 9.8 4.2 2.1 .2 2 100.0	35	Transmit No.	.2	• 5	6.		9•	.3	.2			2	.9 18	-2
KNW .5 .5 .5 .5 .8 .8 .8 .8 .8 .8 .8 .8 .8 .1.1 INW .66 .2 .2 .2 .9 .9 .9 .9 .101.4LS .5 .5 .5 .7 .21.5 .36.1 19.1 9.8 4.2 .2.1 .2 .2 .1 .0.7 .100.0	KSW			9.	• 5	•2	•2	•2					14	9
HNW .8 .3 .1.1 HNW .6 .2 .2 .9 VARIABLE CALM ////////////////////////////////////	3					• 5						1		.2
FINU -6 -2 -2 -9 7. VARIABLE V	KNX	r r	5			.3		•					æ	0
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VARIABLE I CALM 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/			9.	•2		2							7 6	m.
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.5 5.7 21.5 36.1 19.1 9.8 4.2 2.1 .2 100.0	-	mmm	111111	minn		,,,,,,,,	Mannin	,,,,,,,,,,	minin	munn	THE STATE OF THE S			
	TOTALS	. .	5.7	21.5	36.1	19.1	9.6	4.2	2.1	2.		100		

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from bourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all bours combined
 - . By month by standard 3-hour groups

of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown station was meeting or exceeding any given set of minima may be determined from the figure at the intersection reference to the horizontal row of totals at the bottom of the lage. The percentage frequency for which the occurrence for any given limit of chiling or visibility semantely, or in combination of ceiling and visi-Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of ferring to totals in the extreme right hand column. Also, visibility may be determined independently by bility. The totals progress to the right and downward. Ceiling may be determined independently by reon pages 2 and 3 below. U. S. Weather Bureau and Mavy stations did not report ceilings within the range 10,000 feet and higher prior to Summaries prepared from data for these stations using the earlier period and data subsequent for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category Beginning in July 1948 for Air Force stations and January 1949 for USAB and U. 8. Mayy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. January 1949.

Beginning in January 1968, METAR stations report visibilities to 6 miles, and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

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Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%. Celling \geq 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.45. Visibility > 2 miles = 96.95. Visibility > 1 mile = 98.35. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

EXAMPLE # 1

Velues below minimis stated in the table may be obtained by subtracting the value given

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9:0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likevise, the percentage of observations with ceiling < 500 feet and/or visibility < 1mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE #

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria; "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling.visibility combinations.

FERIOD OF RECORD: 77-86 17.5 17	Value Mark Stand Value
VISTBELLITY IN STATUTE HILES	VISTORILITY IN SIGNITION OF RECORD: 77-6 17-6
CE CE CE GE GE<	Te-8 Te-8
4 5 1.0 6	4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7
76-8 76-8 <th< td=""><td>76.8 <th< td=""></th<></td></th<>	76.8 76.8 <th< td=""></th<>
17.5 17.5 17.9	17.6 17.6 17.9
71.9 71.9 <th< td=""><td>77.9 <th< td=""></th<></td></th<>	77.9 77.9 <th< td=""></th<>
77.9 77.9 <th< td=""><td> 17.9 77.9 </td></th<>	17.9 77.9
78.1 78.1 78.1 78.1 78.1 78.1 78.2 88.2 88.8 <th< td=""><td> 18.1 </td></th<>	18.1 18.1
\$\frac{1}{2}\frac{1}{2	8.9 78.9
C.0 80.4	C.4 86.4
6.4 86.8 87.8	6.4 66.6
6.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 87.8 97.8 97.8 97.8 97.8 97.8 98.9	6.8 86.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 93.8 96.9
2.4 92.4 92.8	2.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.8
5.7.5 97.5 <t< td=""><td>6.7 9.7</td></t<>	6.7 9.7
6.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.9 99.8 99.8 99.8	6.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.9 99.2
6.9 96.2 99.2	8.9 96.9
9.6 99.8 99.6 99.8	9.6 99.8 99.6 99.8
9.8 100.0 1	9.8 100.0 1
9.8 100.0 10	9.8 100.0 10
9.8 100.0 1	9.8 100.0 1
9.8 100.0	9.8 100.0 10
9.8 100.0	9.8 100.0 10
9-6 100-0 100-0 100-0 100-0 100-0 100-0 100 <u>-0 100-0 1</u>	9.6 100.0 10
5+8 100•0 100•0 100•0 100•0 100•0 100•0 100•0 100•0 100•0 100•0 10	9-8 100-0 100-0 100-0 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀ 1 ₀₀₋₀
	89.2

12 :13	SAFETAC IR WEATH	HER SER	AC ATHER SERVICE/MAC	5 0	١			FROM	HOURLY	BSERV	AT IONS						
:5, -:	TATION P	NUMBER:	912450	STATION	hame	: VAKE	ISLAND					PERIOD HONTH	•••	ORD: 77 HOURS	1 1	0300-0500	!
	IL I I I I	•			•			VISIE	BILITY	:=	UTE MIL	ES				•	•
٠	IN FEET	10 10	6E 6	GE 5	GE *	6E 3	GE 2 1/2	GE 2	6E 1 1/2	6E 1 1/4	6E 1	6E 3/4	6E • 5/8	6E 1/2	6E 5/16	6E 1/4	GE
				•••••							•	•		• • • • •	• • • • •	•	•
011	CEIL	_ 9 *65	66.8	8.99	66.8	66.8	8.99	66.8	8.99	8.99	66.8	8.99	8-99	66.99	8.99	8.99	8.99
OE	20000	09	8	80	68.5	68.5	68.5	68.5	68.5	∞	68.5	68.5	68.5	68.5	68.5	68.5	68.5
9 99 9 99	180001	9 9	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.6	68.7	68.6	68.0	68.7	68.0	68.0
3 2	, ,	61.	80	80	8-8-9	0 00	68.8	68.89	68.8	100	68.8	6.8.9	68.89	68.8	68.8	68.8	68.
GE		61.	· •	6	5	0	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
33	10000	62.	6	6	14		70-3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
ש ע פ	0006	62.	.	•! •!-	، ات	• 1	70.5	70.5	70.5	70.5	20.5	70.5	70.5	70.5	30.5	20,0	3
9 6 6	7000	69	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	711.7	71.7	711.7	711.7	711.7	::
GE	0009	65.	,	Š	(CV	ī •	72.8	72.8	12.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	12.
, c	5000	70.	0 -	80.1	8C-1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.
90	4000	- 3		'N 4	2	2	IN U	N u		92.7	92.8	92.8	92.8	92.8	92.8	92.8	N 4
5 CE	3000	81.	3.0	, - , -	-	0 ! P			97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	4.16
30	, ~	82.	ءُ ا	1.	-	-	97.8	97.8	97.8	-	97.9	97.9	16	97.9	97.9	97.9	97.
SE SE	1 (2)	83.	97.2	. 00	- 301	8	98.8	98.8	98.8	8	99.0	99.0	0.66	0.66	0.66	0.66	66
9 9 1	1800	80 a			99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	2.66
3 0	• -	83.	97.6	• · •	No		6.66	6.66	6.66	• •	100.0	100.0	100.0	100.0	100.0	100.0	100:0
39	1000	83.	-	10	5	18	1 .	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
יי ני פ	00%	20 a	•	•	• (• (o		• 1	99.9	99.9	99.9		100.0	100.0	100.0	1001	0.00	ים כו
	7007	- -	97.8	99.5	1.56	66.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	009	83.	-	6	0	0		6.66	6.66	6.66	00	100.0	100.0	100.0	100.0	100.0	1001
1 6 6	500	83.2	97.8	99.5	5 6	6-66	99.66	6.66	99.9	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
) U		8	97.8	10	1.56		6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
년 9		£	97.8	6.	o;	• 1	- 6	6666	• 1	6666	100.0	100.0	100.0	100.0	100.0	100.0	100.
0.E	1001		97.8	99.5	1.56	6666	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	0.001
OE	0	83.2	97.8	99.5	1.56	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0

	GLOB	4 11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	IMATOLO	CLIMATOLOGY BRANCH	NCH	B G	PERCENTAGE	FRE	QUENCY OF FROM	OCCURRENC HOURLY OB	ENCE OF OBSERV	E OF CEILING SERVATIONS	IG VERSUS		VISIBILITY				
	¥ T ¥	֓֞֝֟֝֟֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֡֓֓֡֓֡֡֡֡	רא ארא	11 CE / FIA	ا														J
	STAT	NOI	TATION NUMBER:	912450	STATION	ON NAME:	: WAKE	ISLAND					PERIOD O		F RECORD: 77-86 Jan Hours (LST):		0600-0800	00	
ı	CEILIR	116			•			•	•	VISIBILITY	IN STATUTE	UTE HILE	: 0	•		•	•	•	•
	IN		0E 10	6E 6		3. 3.	GE 3	GE 2 1/2	GE 2	1 1/2		6E 1	6E 3/4	6E 5/8	GE 1/2	6E 5/16	9E 1/4	OE O	
A	*								•										:
-		CEIL !	59.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	1
	6E 2	200001	60.7	9.49	9.49	9-19	9-49	9-49	9-11-9	9-49	9.49	9.49	9.49	9.49 9.49	9.49	9.49	9.49	9.49	
		10009	60.7	1 3 7 3	13 3	9* 49	9.49		9-49	* 3	4 * 4	9 49	9-49	9* 49	9-49	9*49	9.49	3 3	
-		2000	61.3	רו וח	מויז	65.2	65.2	e i e	65.2	65.2	7 0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
	1 36	100	20	66.6	9.99	66.6	9.99		9.99	9.99	9.99	9.99	9.99	66.6 7.99	66.6	66.6	66.6	66.6	
	, L 10 0 00 0	80001	63.0	10	101	9 0	6.99	6.99	6.99	66.9	6,99	6.99	6.99	6.99	6.99	66.99	6.99	6.99	1
	30	0009) M	• •	67.7	67.7	67.7	•1 •	1.019	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	i i
		50001		100	100	77.3	77.3		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	l
- Therefore	ы Б.	4000	19.9	89.0	89.8	85.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8 92.6	89.8	89.8 92.6	89.8	89.8 92.6	
	6E	30001		· 10		97.1	97.1		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	ı
	2 2	25001	85.3	95.9	7.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2 98.2	97.2	
! }	0 E E	1800	2.0	96.5	98.2	98.2	98.2		98.8	98.2	98.2	98.2	98.2	98.2 98.8	98.2 98.8	98-2	98.2	98.2 98.8	ł
* *	30	1200[86.2	97.5		1	6	m	99.5	66	10	49.5	99.5	99.5	99.5	99.5	99.5	5.66	1
	່ ບຸນ ່	1 2000 1	86.2 86.2	97.7 97.7	8	9.66	66		100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.001	10001	100.0 100.0	i
	<u>س</u> بـ	1008	86-2		99.5	0 0	99.8 99.8	00 a	100.00.	100.0	100.0	100.0	100.0	100.001	100.0	100.0	100.0	100.0	ľ
!	6. E	009	86.2		6	· D	6	ها	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
	_ _ _ _ _ _	500	86.2	7.79	00	8°56	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	i
	ນ ເມີນ	2001	86.2 86.2	97.7	. 50° 66	8-66	99.8 99.8	99°66	100.0	100.0	100.0	100.0	100.0	100.0	100.001	100.0	100.0	100.0	1
!	39	1001		7.16	.0	8.56	8 66	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	i i	0	86.2	97.7	99.5	8.26	99.8	8.26	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	TOTAL	IL NUMBER		OBSERVA	TIONS:	824						,			1		ı		[
					!	s digital in the second													1
	,	ı																	

;	STAT	ION NOI	TATION NUMBER: 912450	912450	STATI	STATION NAME:	: WAKE	ISLAND					PERIOD O	4	5		0900-1100	00
1	CEILI					•	•	•••••	SIA	BILITY	IN STAT	UTE H	ILES	:	•	•	• • • • • •	•
	FEE		GE 10	6E 6	GE 5	CE	GE 3	GE 2 1/2	ا سا	6E 1 1/2	1 CE	39		6E 5/8	GE 1/2	5/16	1 1	20
				•		• • • • • • • • • • • • • • • • • • • •	•		•		•	•	•					• • • • • • • • • • • • • • • • • • • •
;	NO C	כנור ו	62.2	62.8	62.8	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	8.29	62.8
	GE 2	00000	13			9.49	13	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49	9.49
ŧ	~ .	89	64.1	3 113	3	94.9	9.49	64.6	æ la	# 1	9 4 9	5	9 49 9	• 1	9 6	9 . 9 9	9.49	9.49
	6E 1	0004	24.5	65.1	† (0)	65.1	65.1	65.1	65.1	65.1	65.1		65.1	65.1	65.1	65.1	65.1	65.1
		20001	6.49	65.4	65.4	65.4	65.4	65.4	65.4	S	65.4	65.4	65.4	4.59	65.4	65.4	h:59	9.2
			66.2	1 .		٥	٥	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99	6.99
;	1 1 1 1 1 1	0	•	67.3	67.3	67.3		67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67,
	ا ليا د ر.	10008	91	•	•	٠,	٠,	67.6	67.6	67.6	67.6	67.6	67.6	67.6	9.79	9.19	67.6	67.6
	ب و	10007		,	• 1	ان	٠,	67.9	61.9	~ [(6.19	• 1	61.9	61.0	6/07	6/6	01.0	× • • • • • • • • • • • • • • • • • • •
	<u>ი</u>	0009	•	6	•	٠		69.3	69.3	69.3	69.3	69.3	69.5	. Yo	64.3	64.5	64.0	0
	: . មាន : ១១	50001	77.6	79.2	79.4	4.27	79.4	79.4	79.4	79.4	4.67	79.4	79.4	79.4	79.4	79.4	79.4	9.0
	یا ل 2 ن			7.00	• ` . U —	0 10	010	010	010	0.10	ŀ	0.19	ı	0.16	0.16	0.16	91.0	D'I
	ה ה ה	35001	89.0	95.5	4 M	9.16	93.6	93.6	93.6	93.6		93.6		93.6	93.6	93.6	93.6	93.6
	, 1	3000 }	ċ	•		0-96	96.0	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
		25001	91.4	95.5		9.96	9.96	96.7	7.96	7.96	7.96	7.96	7.96	7.96	96.7	7.96	7.96	7.96
	יו טייט	1 800 1	• ^	- : 1	•	2. د	ìα	98.4	28.5) loc	98.5	98.5		98.5	98.5	98.5	98.5	98.
	د د د د	15001	;	. ~	OO	ىدد	0	98.9	99.0	0.66	0.66	99.0		99.0	0.66	0.66	99.0	99.0
!	ព	12001	•	٠,	10	i UN	10	566	4.66	h•66	4.66	4. 66		h • 66	ħ • 66	4.66	56	h•66
	+ 35 	10001	92.4	97.8	99.2	5.99	100	99.66	6.66	6.66	666	6.66	6.66	6.66	6.66	6.66	666	66
	פ פ	8001			.;o		16		6.66	10	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66
	<u>س</u> د د	700	N					99.8	6.66	6.66	6.66	6.66	6666	•	6.66	6.66	6.66	6.66
	6.E	60ŋ l	5	•	•	٠,٠	6	99.8	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66	666
		1005	92.4	97.8	99.2	5.26	8.66	6.66	100 •0	100 • 0	100.0	100.0	100.0	100 • 0	100.0	100.0	100.0	100.0
1	با ل ن د	1004	•	•		باد	• 1	77.00	2000	2000	-	2001	1	0.001	1001	10001	1,00,1	100
	יוני פינים	2001			. 6	. ט	•	6666	0.001	100.0		100-0		100	100.0	100.0	100.0	10000
	, m	107		• •	. 6	, (X		6.66	100.0	100-0	1	100.0	' -	100.0	100.0	100.0	00	100.0
	,		1,	- 1	1,		9	6		000		000		000	0		0.001	100.0
	ن د	=	2 . 7	0 • 1 /	7	7 4 6 7	00,77	~~~	707	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	> > > > > <)		30.5	200	3		1

THE REFIT OF THE SERVICE THE SERVICE THE SEARCH STATES AND SERVICE THE SERVICE SERVICES AND SERV	STATION NUMBER CEILING IN FEET 11	ERVICE/MAC R: 912450														
The number 12 15 15 15 15 15 15 15	TATION NUMBE.	3: 912														
	EILING GE IN GE FEET I I	*	, 	hame		SLA					PERIOD MONTH	OF RE	***	6 ST)	1200-14	00
CLI CLI	- GF	•	• • • • • •	• • • • •	• • • • •	•	•	•		HIL	• W	•	•••••	• • • •	•••••	:
		0 GE	w	ישו	M	6E 17	6E 2 1		6E 17	ill lil	6E 3/4	W \	6E 1/2	GE 5/16	4	النا
Court Cot							•				:				:	
10001 08-6 66-6 66-6 68-6 68-6 68-6 68-6 68-6	0 CEIL 66.	. 99 t	•	2	9	•	6	9	٠	•	9	•	9	4.99		9
14000 65.5 65.6 6	E 200001 68.	5 68. 6 68.	8 8	ມພ	68.5 68.6	68.5 68.6	co co	88	8 8	00 00	68.5	68 • 5 68 • 6	loo ee	68.5 68.6		20 20
12000 1.0.	E 160001 68.	68	100 00	ໂສທ	68.6	68.6 68.9	(a) (a)	loo 00	8 8	00 00	68.9 68.9	68.6	(an an	68.6 68.9		68.9
Harder 11.5 11.5 11.6	E 120001 69.	8 69	0	0	69.8		0	10	6	0		8.69	io.	69.8		69.8
Second 12.5 12.2 12.2 12.3	100001 71.	3 71.				71.6				71.6	71.6	l • •	71.6			
Suc 13.6 73.8 73.9 7	8000 71.	8 72.	NV	200	72.1	72.1	72.1			72.1	72.1		72.1			INN
Second S	60001 73.	73	M	(* i	73.9	73.9	73.9			73.9	73.9		73.9			m
100 91-1 92-6 93-3 9	5000 82.	1 82.	1 M G	83.0	83.0	83.0 85.1	lm o	83.0	83.0	M 4	83.0	83.0	1 M 9	83.0	83.0	83.0
Sun 91-8 94-4 95-4 9	40001 90.	7 92.) M	93.3	93.3	93.3	im i	93.3	93.3	M I	93.3	93.3	lM (93.3	93.3	93.3
2500 92.9 95.9 96.7 96.8 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.8 97	30001 92.	7 95.	ທ່າ	95.1	95.1	96.4	വര	96.4	4996	0 0	1.96	96.4	n loo	96.4	96.4	4.96
1000 93.4 96.8 97.6 97.8 97	25001 92	9 95.	101	97			96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8		9.96
1500 94.0 97.6 98.5 98.7 99.1 99.1 99.2	26001 93• 18001 93•	3 96.	-11-	-1-		al a	97.8	97.8	97.8	97.8	97.6	97.6	97.6	97.8	97.6	97.6
1200 94.1 97.8 98.7 99.4 99.7 99.7 99.8	15001 94.	0 97.	001	∞)	• i	- 41	98.9	0.66	9,6.0	0.66	0.66	0.66	99.0	0.66	0.66	0.66
1000 94.1 98.1 99.1 99.4 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8	12001 94.	1 97.	eo	0			6	99.2	2.66	86.2	99.2	99.2	99.2	99.2	99.2	99.2
EDDI 94.1 98.2 99.2 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 100.0	E 10001 94.	98.	6 6	9	99.7		99.7 99.7	60 35	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	66	9 0 0 0 0 0	99
600 94.1 98.2 99.2 99.5 99.8 99.8 100.0 10	E 2001 94.	98.	6 6	9	99.7		7.66	8 0	99.8	99.	100.0	99.8	99.8	•66	99	66
500 94.1 98.2 99.2 99.5 99.8 99.8 99.9 100.0 100	• 46 1009	1 98.	10	0	8.66		٥	000	100 0	8	100.0	100.0	100.0		00	100.0
300 94.1 98.2 99.2 99.5 99.8 99.8 99.9 100.0 10	5001 94	98.	80	5 0	66		6.6	00	100.0	88	100.0	100 0	88	100.0	100.0	100.0
100 94.1 98.2 99.2 99.5 99.8 99.9 100.0 1	3001 94.	98.	100	0.0	0 0		6.6	0 9	100-0	100.0	100.0	100-0	100.0		100.0	100.0
E 01 94.1 98.2 99.2 99.5 99.8 99.8 100.0 1	1001 94.	1 98	,		0		6.6	0.00)(0	100.0	100.0	100.0	100.0		00	100.0
OTAL NUMBER OF OBSERVATIONS: 878	£ 01 94.	1 98.	99.2	99.5	99.8	ထ	6.66	0.00	0	1 •	18	100.0	100.0	8	8	100.0
	OTAL NIMBER	• 1	· · · · ·	878		•		:			:					•1

CEIL IN PEE	STATION NUMBER	UMBER:	912450	STATION	N NAME:	WAKE	ISLAND					PERIOD	6	RECORC: 11	77-86		
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z			;				- 1					- 1	NAC =	HOUR	\$1):	1500-1700	20
FE	il ikš			•				151	LITY	TAT	UTE	ES					•
0 N	z L	6t 10	6E 6	6E 5	GE 4	GE 3	GE 2 1/2	GE 2	6E 1 1/2	GE 1 1/4	6E 1	GE 3/4	6E 578	GE 1/2	GE 5/16	GE 1/4	6E 0
NO					•		•		• • • • • •	•	•	• • • • • •	• • • • • •	••••••	• • • • •	• • • • •	• • • • •
	CEIL 1	69.1	. 69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
39	200001	70.9	71.2	1.	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
ט ני מ	100091	70.07	71.2	4.	-1-	71.2	71.2	71.2	• •	71.2	• •	711.2	711.2	71.2	21.6	711.2	7.1.7
	140001	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9		-	71.9	71.9	71.9	71.9	71.9
u	120001	•	72.6	2	N	72.6	72.6	72.6		72.6	72.6	72.6	72.6	12.6	72.6	72.6	72.6
	100001	, W	73.7	73.7	73.7	IM :	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
יים נג מיים	0000	٠, N	7.4.0	74.0	0.27	•	2007	74.0	0.47	74.0	74.0	74.0	74.0	• 1	2 2	200	2 6
ວ ກີ ກີ	7000	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	10009	75.1	75.6	75.6	75.6	S)	75.6	75.6	75.6	15.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE GE	50001	84.4	85.6		85.6	88.7	85.6	85.6	85.6	85.6	85.6	88.7	85.6 88.7	85.6 88.7	85.6 88.7	85.6	85.6 88.7
3 G	40001	25	95.2	95.2	N W	יט ע	ועונו	IN R	95.2	lu v	95.2	95.2	95.2	ئى ئىا	95.2	95.2	95.2
	3000 [m	9	9		111	111	1	97.0	11-	97.0	97.0	97.0		97.0	97.0	97.0
	2500	0	,		l r	- [-		4 10	07	0.7	07	- 1	0.7	07.0	. 10	1	2
 	20001	94.2	97.7		98.1	- 00	98.1	- 00	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
₩ 9	1800	94.3	98.1	98.3	#* 8 6 10 0	#* 86	4.86	4-86	4-86	#* 86	98.4	4.89	# · 86	h - 86	h-86	7.86	h - 86
1 U	12001	• •	99.2		N (0)	~ ~	1.66	NO.	99.7	99.7	99.7	99.7	7.66	1.66	1.66	1.66	1.66
1 S S	10001	94.5	99.2	1	7.56	99.8	99.8	99.8	99.8	99.8	99.8	89.66	99.8		99.8	99.8	99.8
13 E	800	94.5	h • 66	99.8	6.66	100.001	100.0	10 C	100.0	000		100.0	100.0	100.0		100.0	100.0
3 2	1009	94.5	4.66	• > •	6.56	100-0	100.0		100.0	100.0	8	100.0		8	100.0	100.0	100.0
6E	5001	94.5	4.66	99.8	0.0	100	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
13 to	3001	94.5	3 66	8 66	6.66	100.0	100-0	8	100.0	100.0	100.0	100.0	100.0	100.0	188	100.0	100.0
រ ម ១ ១	1001	94.5	, O	99.66	7 ∤0	318	0.00	100.0	100.0	100.0		1000	100.0	100.0	100.0	100.0	
39	10	94.5	h*66	8.66	6.56	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

SSERVATIONS	N STATUTE MILES GE GE GE GE 1 1/4 1 3/4 5/8 1/2	12.9 12.9 12.9 12.9	74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6	.3 76.3 76.3 76.3 .6 76.6 76.6 76.6 .7 76.7 76.7 76.7 .1 76.7 76.7 76.7 .1 77.1 77.1	84.9 84.9 84.9 84.9 84.9 87.5 87.5 87.5 87.5 87.5 94.3 94.3 94.3 94.3 94.3 95.4 95.4 95.4 95.4 97.3 97.3 97.3 97.3	97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8	99.9 99.9 99.9 99.9 99.9 99.9 100.0	100.0 100.0	
CENTAGE FREQUENCY OF OCCURR FROM HOURLY WAKE ISLAND	VISIBILLITY GE GE GE GE 3 2 1/2 2 1 1/2	12.9 12.9 12.9 12.9	74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6	.3 76.3 76.3 76 .6 76.6 76.6 76 .7 76.7 76.7 76 .1 76.7 76.7 76 .1 77.1 77.1 77.1	84.9 84.9 84.9 84.9 87.5 87.5 87.5 87.5 94.3 94.3 94.3 94.3 95.4 95.4 95.4 95.4 97.3 97.3 97.3	97.8 97.8 97.8 97.8 97.8 98.4 98.4 98.4 98.6 98.6 98.6 98.6 98.6 99.1 99.1 99.1 99.1	99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0	
LIMATOLOGY BRANCH HER SERVICE/MAC NUMBER: 912450 STATION NAME	GE GE GE GE GE 4	CEIL 70.6 72.9 72.9 72.9	20000	1 73.9 76.3 76.3 76 1 74.2 76.6 76.6 76 1 74.2 76.7 76.7 76 1 74.2 76.7 76.7 76 1 74.6 77.1 77.1 77	000 83.1 87.5 87.5 87.5 87.5 000 88.0 94.3 94.3 94.3 94.3 900 90.0 97.3 97.3 97.3 97.3	5001 90.2 97.7 97.8 97.8 0001 90.6 98.5 98.4 96.4 8001 90.6 98.5 98.6 98.5 5001 90.6 99.0 99.1 99.1 2001 90.6 99.2 99.4 99.4	000 90.6 99.2 99.4 95.5 900 90.6 99.2 99.4 95.5 700 90.6 99.2 99.4 99.5 600 90.6 99.2 99.4 99.5	4 6 6 6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	UMBER OF OBSERVATIONS: 87

ļ	STATIO	STATION NUMBER: 912450 S	: 912450	STATION	NAME	: VAKE	ISLAND					PERIOD HONTH		OF RECORD: 77-8	-86	2100-2300	8
	CEILING							VISIE	BILITY	IN STATUTE	UTE MIL	: S	:			• • • • • • • • • • • • • • • • • • • •	
	TEET	1 56	GE 6	GE 5	3 0 5		SE 1/2	GE	6E 1 1/2		- E	374 374	5/	9 -	5/16	17 5	1 5
		•	•	•				•			•			:	•	•	•
	NO CEI	IL 65.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
*	6E 200		75.5	75.5	75.5			75.5	75.5	75.5	75.5	75.5	JO F	75.5	75.5	75.5	75.5
		9.99 [6008]	75.6		75.6	75.6	75.6	75.6	75.6	75.6	15.6	15.6		15.6	2.5		2 2
	0E 140			75.7	າທ			75.7	75.7	75.7	S	75.7	5	75.7	75.7	5	•
•	~	20001 66.9		• 9	, O	1.0		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	16.0	76.0
	~	9.29 10000	77.	1-1	10,	77.1	17.17	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	17.1	77.
		× × ×	70,	•	- (a		1	78.7	78.2	~ α	78.7		78.2	18.5	• ice	18.2	- 100
				78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7		78.7	78.7	78.7	78.7	78.7
,	0 3 3 5 F	6	78.	•	ິນ		78.7	78.7	78.7	78.7	78.7	: •	78.7	18.1	78.7		18.
and the state of t	, ca	C00 74.8	1 .	5	l vs	15	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4		85.4
,		75.	•	~	~ i	٠	87.4	87.4	87.4	87.4	87.4	97.4	97.4	87.4	~ •		8
	6E 40	40001 78.3 35001 79.3	91.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0		9 3
		81.		· W	(LI)	2	95.4	95.4	4.56	95.4	95.4		4.56	95.4	95.4		95.
	,	81.	96	1:	97.2	-	97.2	-	- -	~		97.2	97.2	97.2	97.2	97.2	~
ı	10	82.	97.	. ~ .	9 8-0	80	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98
	66 66 19	800 82.3 500 82.8	97.0	97.9	98.0	98.0 99.1	98.D 99.1	98.U 99.1	98.0 99.1	98•0 99•1	98.0	98.0	98.0	98.0. 99.2	98.0	98.0	98.0
ı	-	82.	98.	99.1	95.3		99.3	99.3	99.3	99.3	4.66	4.66	4.66	4.66	4.66	4.66	66
	100		98.0		٠,٠	100	4-66	* - 66	** 66	4.66	9.66	9.66	9.66	9-66	9.66	9.66	66
		υ σ 		99.1	99.3	9.66	9.66	9.66	N I ON	99.66	99.1	99.7	• ! •	1.66	1.66	1.66	7.66
	65.7	82.	98.0	6	5	0	9.66	9.66	9°66	9.66	4.66	1.66	1.66	1.66	49.7	1.66	66
*		82.	•	6	é	0	9.66	6.66	io.	6*66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	(S)	5001 82.8	98.0	100	99.3	9-66	9-66	6-66	6.66	99.99	100.0	100.0	100.0	100.0	100.0	100.0	100.0
:		82.	•	99.1	6	10	9.66	6.66	6.66	10	100.0	100.0	100.0	100.0	100.0	100.0	100.
		82.	•	6	6	0	•	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	6E 1	82.	•	0	5	9*66	9.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100
	99	01 82.8	98.11	99.1	0.0.3	9-66	9.00	0.00	0.00	0 00	100.0	חיטטנ	100.0	100-0	100.0	100.0	100.0

	GLOBAL CI Usafetac	LIMATOL	CLIMATOLOGY BRAN AC	BRANCH	PE	PER CEN TAGE	FRE	QUENCY OF	HOURLY OB	ENCE OF OBSERVA	CEILING ATIONS	G VERSUS	S VISIBILITY	ILITY			
⋖	H H	HER SER	VICE/MA														
S	TATION	NUMBER:	912450	STATION	AAME	: WAKE	ISLAND					PERIOD HONTH	OF RECORD: : JAN HOU		77-86 RS (LST) :	ALL	,
• 0	EILING	•						VISIE	VISIBILITY	Z	STATUTE MILE	S	•	•	• • • • • •		• • • • • • • • • • • • • • • • • • • •
	IN I	39 1	GE 6	6E 5	37 0 E	. GE	GE 2 1/2	GE 2	6E 1 1/2	-	6E 1		6E 5/8	6E 1/2	GE 5/16	GE 174	GE 0
								•	•	:				•		•	
2	0	h•59 1	69.2	69.2	69.2	69.2	69.2	69.2	2.69	2.69	69.2	2.69	69.2	69.2	2.69	69.2	69.2
د د	E 20000	66.	00	60	122	70.8	70.8	70.8	70-8	70.8 70.8	70.8	70.8	70.8 70.8	70.8	70.8	70.8 70.8	70.8 70.8
: ر ا	6E 16000	99	70.8	70.8	7C.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
د د ا		67.		i e	11	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
ی د	4E 10000	69.0	2.5	INM	100	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
. o :		69	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	א נאן	73.5	73.5	73.5	73.5	73.5
5	٠. ي			i ar) 3	7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	1	74.6	1	9.42
9 9	F 5000	77.	100	2.5	CAN	טוניין ו	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
ی و	~ بر ياسا	دی ه	92.1	95.6	92.6	95.6	92.6	92.6	92.6	7	92.6	92.6	95.6	ı	92.6	92	92.6
; ;	ı M	87.	19	9	rf 40	r •0	7.96	7.96	96.7	7.96	7.96	7.96	1.96	1	96.7	96	1.96
	GE 2500	87.	1	1.8	~ ₩	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5 98.3
) . .		80 3	97.5	200	7.86	98.4	98.4	98.4	98.4	98.4	98.4	98.4	1 e -			98.4	
9 9		88			10	4.66	99.5	99.5	99.5	99.5		99.5	99.5	99.5	99.5		5 6 6
9 9	6E 1000	88.	98.4	7°66	9.56	99.8	8°66	9.66	99.8	9.66	6.66	6.66		6.66	6.66	6.66	6.66
د د.	E 800	∞ α ——	ω «	0 0	9.56	6	99.8	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6 66	6.66	6*66
; ;		8 8 8	- 	h 56	9.66	10	99.8	6.66	100.0	10		100.0		100.0	100.0	100.0	100.0
9 3	•	88	8 8	4°66	20	66		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
1	6E 300		4.86	4-66	9.56	99.8	6.66	100.0	100.0	100.0	100.0	100.0	100 001	100.0	100.0	100.0	100.0
ق و		88	0	9.66	. 0	6	• •	100.0	38	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9	יה סי	88.8	98.4	4.66	9.56	99.8	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10000	100.0

	STATION NUMBER	NUMBER:	: 912450	i .	STATION NAME:	: YAKE	ISLAND					PERIOD HONTH	OF:	RECORD: 77 B HOURS	0: 77-86 HOURS (LST):	0000-0500	8
	ING						:	VISIE	SIBILITY	IN STATUTE	#1.	1:0					•
! !	2 1	GE.	GE	GE	C.C.	GE,	GE CE	GE	GE -	6E	6E	25	GE	6E	5,14 5,14	1 2 2 2 2	ولا د
1	י רב ו	-						•	:			-	1		:		
	NO CEIL	1 69.2	77.6	77.6	11.6	77.6	77.6	77.6	77.6	17.6	77.6	17.6	11.6	17.6	17.6	17.6	77.6
	GE 2000	69	100	8	co (80 (78.2	78.2	78.2	78.2	78.2	78.2		78.2	78.2	bo o	78.2
,	-		αο,α	•	78.2	zo iα	78.2	78.2	787	20 C	· i ·	78.2	7.87	78.2	1802	78.7	7.87
			78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	6E 12000		78.8	8	78.6	œ	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	18.8
·	6E 10000	9-07 10	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	α	71.	80.1			80.1	80.1	80.1	80.1		80.1	80.1		80.1	80.1	80.1	80.1
	GE 7900	72.	81.4	-	81.4	81.4	81.4	81.4	81.4	•	81.4	81.4	81.4	81.4	81.4	81.4	81.4
	υΕ 6000	73.	82.5	N	2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1	5.00	٠.	88.1	8	86.1	88.1	86.1	88.1	88.1	58.1	88.1	88.1	88 - 1	88.1	88.1	1.88	1.88
	.	78.	9	יים פיים	<u>ت ا</u> حق	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	88.0	87.6	80.6	9.00
-	5E 4500	9 80°4	93.2	93.2	9 3.4	93.5	93.5	93.5	93.5	9 20 20	93.5	93.5	93.5	93.5	4 W & & & & & & & & & & & & & & & & & &	93.5	93.5
	ĸ	82.	\$	9	. ت	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
- t	22	ω ω		96.8	97-U 97-8	97.1	97.1	97.1 98.1	97.1	97.1	97.1 98.1	97.1	97.1	97.1 98.1	97.1	97.1	97-1
	٦.	83.	•		ıα (98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
-	6E 1200	# c	98.5	1 0 0 0 0 0 0 0	700	10000	100.0	100.0	100.0	~ 0	100.0	100.0	100.0	100.0	100.0	100.0	· 🗀
 i	6E 1660	83.		١.	100	100.0	100.0	8	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
		63.			20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00	100.0	100.0	100.0	100.0
-	GE 809	53.2	98 • so	5 · 66	ဆာ့က	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.001	100	100.0	100.0	100.0
-	GE 600	83.		•	On .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 • 0	100.0	1.00.0	1.00.0
4	5001 sool	01 83.2	98.5	99.3	8.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0
		800	•	99.3	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-		83.5		200	10	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 • 0		100.0	100.0
	6E 0	01 83.2	98.5	99.3	8.56	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The control of the		AIR	-	ER SER	(>	1 '				2 2		HOURLY UBSERV	AT LUNS						
C C C C C C C C C C	· ·	-	TION N	UMBER:	912450	•	ON NAME	: YAKE	ISLAND					PERIOD MONTH	0	ORD: 77 HOURS	-86 (LST)	0600-08	001
FILT		CEI	LING		•		•	:	•	IISIA	: _	ż	E HIL	\$	•	•	• • • • •		•
C		- H	E 2	ÿ ¬	w	w	النا). 1	6E 2		9 ~	6E 1	6£ 3∕ 4	6E 5/8	GE 1/2	5/16	1/4	0 0
United U																			
Colon Colo	:			99	70.9	0	U		70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0
C		ຸກ ຄ.	200001 180001	!	71.3	71.3				71.3		71.3	71.3		71.3	71.3	71.4	71.4	71.6
Colon Colo		0 C	160001		71.4	71.4	i			71.4	1 .	71.4	71.4	71.4	71.4	71.4	71.6		71.6
10000 66.2 72.3		0 0 0	12000		71.6	7.	4 !	•! •	• (•	71.6	71.6	71.6	71.6	71.6		11.6	1:11		
12.00 12.6 12.6 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.9		CE CE		68.	NN	22	U W	72.3	72.3	72.3	72.3	22	72.3	72.3	1	72.3	72.4	72.4	72.4
5000 76.0 82.3	<u> </u>		10008	•	: O 1	2	121	72.8	72.8	72.8	72.8	2.	72.8	72.8	72.8	72.8	72.9	72.9	72.9
Second S	:	0 G	6000		ባ 37	-	コマ	74.3	74.3	74.3	74.3	; ;	74.3	74.3	74.3	74.3	74.4	74.4	74.4
Heart Hear		:08 :	50001	9 8	O R	10 N	100 0	2 5	82.3	IN U	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	85.4
School 85.5 95.6 95.6 95.6 95.6 95.6 95.8 95.8 95.8 95.8 95.1 95.2	:	υ .	4 000 1	÷,	0	O		0	90.8	10	9.06	9.06		9006	8006	806	6.06	6.06	
5500 65.4 96.5 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 97.2	f	2 2 1 11	35001	÷ 5	2 0	ว เว	ຕຸລ	2.0	95.8	95.8	ทเท			95.2	95.8	95.8	95.3	95.3	2 0
String S		1	ženai	1 30	įu	2 70	ı۷			,	6 78	6 70	70	ć	,	6	3		- 1
15 16 16 3 3 4 4 4 4 4 4 4 4	,	. u	20001	86.2	• •		2 ~			0 [-	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	
1200 87.3 98.0 98.6 99.1 99.2 99.2 99.2 99.2 99.3 99.3 99.3 99.5		ว ย	1800	86.3	6.		2			- 0	97.3	97.3	97.3	97.3	97.3	97.3	99.3	97.5	97.5
1000 87.3 98.0 98.8 95.1 99.2 99.2 99.2 99.2 99.3 99.3 99.3 99.3 99.5		6£	1200 [87.3	œ	•	,0	99.2		10	99.2	2.66	99.3	99.3	99.3	99.3	99.5	1 .	
800 87.3 98.0 98.8 99.2 99.5 99.5 99.5 99.5 99.6 99.6 99.6 99.6					98.0	8 8	100	6		99.2	99.2	100	1	0 0	99.3	99.3	99.5	60	99.5
500 87.3 98.1 98.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.7 99.9		S. C.	800	:	98.0	8	(V)	0		99.3	99.3	99.3	99.5	99.5	99.5	99.5	9066	9.66	9.66
500 87.3 98.1 98.9 95.3 99 99.6 99.6 99.6 99.7 99.7 99.7 99.7 9		5 2 3 9 9	009	::	တေ	α, α.	とう	$\sigma_{i\sigma}$		9.66	99.66		99.6	210	99.1	99.6	99.6		99.7
400 87-3 98-1 98-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-6 99-9 99-9 99-9 99-9 99-9 99-9 100-0		ן ה	500	•		8	3	66	9.66	9.66	9.66	i •	7.66	10		99.7	6.66	6.66	6.66
300 67.3 98.1 98.9 95.3 99.6 99.6 99.6 99.6 99.6 99.9 99.9 99		ສູ	400	7.	•	8	5	01	9.66	90.66	966	9.66	6.66	6.66	• • 1	6.66	100.0	100.0	100.0
100 87.3 98.1 98.9 99.5 99.6 99.6 99.6 99.9 99.9 99.9 99		<u>ყ</u> ყ	300 1			(O) (C)	50	00	9.66	9.66	9.66	9.66	6.66	6.66		6.66	100.0	100.0	100.0
E 01 87.3 98.1 98.9 95.3 99.6 99.6 99.6 99.6 99.6 99.9 99.9 99		. D	1001			ω 0	6	10	9.66	9.66	0	• •	6	6.66	• •	• •	100.0	100.0	100.0
			•	7.3	98.1	98.9	5.56	66	99.66	966		6	6	6		6	100.0	100.0	100.0
			•		1) }			The water of the state of the s	•									

	AIR	MEAIHER SERVICE/ NAC	11. A T 1 T 1 K L	ږ													
1	STATION	N NUMBER	1: 912450	STATION	ON NAME:	NAKE	ISLAND					PER100 MONTH:	ERIOD OF RECORD: 77 MONTH: FEB HOURS	180: 77-86 HOURS (LST)		1200-1400	0
	2							VISIB	SIBILITY IN	N STATUTE	IE MILES	•	• • • • • • •	•	•		:
	I N		6E	GES	GE	6E 3	GE 2 1/2	6E 2	1		6E 1	6E 3/4	6E 5/8	6E 1/2	GE 5/16	GE 1/4	1 1
						:		:						•	• • • • •	• • • • •	• • • • • •
4	NO CEIL	L 1 73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	N	11 74.	74.	3	13.	137 3			74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
		74.	74.	4 . T T	* **	74.7	• •	74.7	74.7	14.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
1	6E 1400	74	74	78.9	74.9	75.0	74.9	75.0	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	7	ָהָילָה ה	• • •	;	ווי) I	• 1									4.5	4
	□ °	75	75	5.	75.7	75.7	75.7	75.7	75.7	75.7 76.4	75.7	75.7	75.7	75.7	76.4	19.91	76.4
	, α)	282	78.	ίαο	بداد	lα	78.4	78.4	78.4	100	78.4	78.4	78.4	78.4	78.4	78 4	78.4
,	02 30 0E 60	0001 79.8	79.	81.9	81.9	81.9	19.9	81.9	81.9		81.9	81.9	81.9	81.9	81.9	81.9	· [4
	,	0.7	0	a	ď	a	- 1 4	88.7	ico	00		88.7	88	88.7	88.7	88.7	88.7
1		5001 98.4	83	89.7	80.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	3 M	,	95.	• •	'nŝ	, 9	6.96	96.3	96.3	96.3		96.3	96	96.3	96.3	96.3	96.3
	M	93.	96-	. •	17.0	9	•	96.5	96.5	96.5		96.5	96	96.5	96.5	5.96	66.5
-	8	93.	96	9	1-0	6	۱.	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96
	α.	• 5 d	86	φ; Φ;ο	ထားပုံပ	.	•	980	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.86
	3 L	5001 94.9	9 6	0.00	1.56	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2000	99°4	99.3	99.3	4.66	4.66	4.66	99.4	4.66	4.66	4.66
		94.	98				• •	99.5	99.5	5.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66
!	-	94.	98	99.0	100	7.66	4.66	99.8	99.8	99.8	99.9	6.66	6.66	6.66	ľ	66.66	6.66
	. B .	8001 94.9		. 0	9.6.1	99.5	0.0	99.9	6.66	6.6	1	100.0	100.0	1	100.0	100.0	1000.0
		94.	986	0.66	Y U	• •	• •	6.66	6.66	6.66	1	100.0	100.0	0	1	100.0	100.0
	•	94.	98	100	100		60	6.66	6.66	9.99	100.0	100.0	160.0	100.0	100.0	100.0	100.0
		94.	98.	. 6	710	99.5	0	6.66	6.66	0	100.0	100.0	100.0	100.0	1.00.0	100.0	100.0
	6f 2	2001 94.9 1001 94.9		3.66	99.1	99.5	99.5	6 66	6.66	6.66	100.0	100.001	100.0	100.0	100.0	100.0	100.0
	ij	, 0	0 00	000	1.00	5,00	500	6.99	6 66	6.99	100.0	100.0	100 • 0	100.0	100.0	100.0	100.0
	,	• •			::							•		•	• [•	
	TOTAL	NUMPLR C	OF OBSERV	VATIONS:	808	,	·										

ST	STATION NUMBER:	UMBER:	912450	STATION	ON NAME:	: WAKE	ISLAND					PERIOD MONTH:	OF RECORD: : FEB HC	ORD: 77- Hours	D: 77-86 HOURS(LST):	1500-1700	00
. U	EILIEG		•					VISIB	ורונא	IN STATUTE	TE MILE	ES	•	• • • • •	•	•••••	• • • • •
ŭ	IN I	95	9	30		6E 3	, 6E 2, 172	6 E 2	6E 1 1/2			GE 3/4	6E 5/8	6E 1/2	6E 5/16	6E 174	39 0
:				ŧ •													
NO		76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
.មូរ !	20000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8		76.8	76.8	76.8	76.8	76.8
. u		76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	• •	76.8	76.8	76.8	76.8
6 6 6	14000	77.0	77.1	-17-1	-177-	77.17	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77:1	77:17	11:11
SC	10	77.6	17.77	77.77	1.1.7	17.77	7.17	77.77	17.77	17.77	77.77	77.77	7.17	7.77	77.77	7.17	17.7
, GE	6	7.8.6	78.7	78.7	75.57	78.7	78.7	78.7	•	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
ب س ن	2000	79.5	79.7	79.7	7.57 C. 18	79.7	79.7	79-7	19.7	79.7	79.7	19.7	81.2	81.2	81.2	81.2	81.2
3 3		3 6	83.0	83.0	8 3.0	63.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
35	į	89.8	90.8	606	90.9	90.9	6.06	6.06	90.9	90.9	90.9	6.06	90.9	6.06	90.9	90.9	6.06
	, 3	93.5	95.2	95.5	95.5	95.5	95.5	95.7	• •	41 (5)	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE		ň	96.1	96.3	96.3	96.3	96.3	96.6	9.96	96.6	96.6	•	96.6	96.6	96.6	96.6	ا ک
ວ ພ	m	94.2	9.96	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	7.16	97.5
ม ม ว ว	2500	94.5	96.9	97.2	97.2	97.2	97.2	97.5 97.9	97.5	97.5	97.5	97.5	97.5	97.5 97.9	97.5	97.5	97.5
6E	~	94.8	9.16	98.0	96.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 7 7	15001	95.6	98.5	. 99• C. 99•1	95.0	99.0	99.0	4.66	٥٥	99.5	99.4	2-66	99.4	99.00	4.66	99.4	4.66
	;		-1.	- 1	- 1.				- 10	- 10			- 1		- 1	8	
ນ ເວ ວ ວ	900	900	9.86	1 66	1.56	99.1	99-1	9.66	***	4.00	4.66	* * * * * * * * * * * * * * * * * * *	******	000	****	3000	4.00
99		92.6	6.86	•	0	9.66	9.66	60.66		10	60.66	100.0	8	10000	100.0	100.0	100.0
3 3 9 9	1009	95.6	6.86	9.66	9.56	9.66	99.66	99.99	99.99	6.66	99.99	100.0	100.0	1000-0	100.0	100-0	100.0
1 U C	5001	95.6	98.9	9.66	9.56	9.66	9.66	6.66	6.66	6.66	66.66	100.0	100.0	100.0	100.0	1000.0	100
, co		Š		• •	9.56	9.66	9.66	6 66	6.66	10	6.66	100.0	100.0	100.0	100.0	100.0	100.0
c L	200	က်	œ	9.66	· Or	90.66	99.6	6.66	•	6	6 66	100.0	100.0	100.0	100.0	100.0	100.0
ξΩ		95.6	•	•	5	9.66	9.66	6.66	6.66	6*66	6.66	100.0	100.0	100-0	100.0	100.0	100.0
1	 	05.6	0 80	00	7.00	4.00	7 00	000	000	000	0 00	0	י טטנ	0.001	100	100.0	100

		•	GE 0		2.6	76.7	76.9	77.1	8.3	x) b	8	2.7	89.3	4.5	5.0	96.1	97.5	6.9	9.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	0.0	100.0	
	1800-2000		5E 174	•	15.6	6.7		77.1	8.3	8.9	- 00	2.7 8	F . 6			6 1.96	N 2	2 0		6 6.66	6 6.66	6.6		00				0	
	i	•	GE 5/16		15.6	76.7		77.1					89.3 8		95.0 9		2 4	:		6 6.66	6 6.66	100.001		00 00 100	1	_	00.0 100	100.0 10	
	D: 77-86 HOURS(LST):		GE 1/2 5		15.6	76.7		77.1	m.				m,			6 2.96	97.5 9			6 6•66	6 6.66		1	100.0 100		1 0.		100.0 10	
	RECOR EB		6E 5/8		75.6	76.7	0	77.1	m	6	. œ	1.	89.3			8 1.96	97.5	. 6.		5 6.66	6.66	1		100.001	, b	0		100.0	
	PERIOD OF MONTH: F	•	GE 3/4	•	75.6	76.7		77.1	78.3	8.9			89.3		5.0		97.5			6.66	6.66	0000	0.00	100.001	1	0		0.0	• • • • • •
S LOS	d	F HILES	6E 1		75.6	76-7	76.9	77.1	78.3	•	80.8	82.7	89.3		95.0		2 2	2 0	9.	6*66	99.9	7	100.01	100.001				0	
			6E 1 1/4		75.6	76.7	76.9	77.1	78.3	∞ 0	80.8	82.7	89.3	94.5	95.0	1.96	97.5	9 (00	9.66	6.66	99.99	1		100.0	0.00		0	0.00	
מסטירי פפי		VISIBILITY IN	6E 1 1/2		75.6	76.7	76.9	77.1	78.3		80.8	82.7	89.3	94.5	95.0	1.96	97.5	98.9	90.66	6.66	99.99	100.0	0.00	100.0	0.00	100.0	100.0		•••••
2		VISIE	GE 2		75.6	76.7	76.9	77.1	78.3	• 1	80.8	82.7	89.3	904.5	95.0	1.96	97.5	98.0	90.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	• • • • • •
	ISLAND	• • • • • •	GE 2 1/2	:	75.6	76.7	76.9	77.1	78.3	78.9	80.8	82.7	89.3	904.5	95.0	1.96	97.5	98.9	9.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	1 .	• • • • • •
}	: WAKE	•••••	GE 3		75.6	76.7		77.1	78.3		80.8	82.7	89.3	94.00	95.0	7-96	97.5	• • •	9.66	•	6.66	00	100.0	100.0	100.0	100.0		10	• • • • • • •
	ON NAME	•	39 7		75.6	76.7	76.9	77.1	78.3	78.9	8.7.8	82.7	89.3	200	95.0	1.96	97.5	98.9	9.56	1.66	7.56	7.56	1.56	7.56	1.56	1.56	1.56	7.66	
10	STATION		3 39		75.6	76.7	76	77.1	100	78.9	80.8	82.7	100	9 i 9 3 i =2	95.0	•	97.4	ο ι σο	99.5	9.66	100	99.6		9.66	9.66	9.66	9.66	9.66	
VICE /MI	912450		6E 6	,	75.6	76.7	76.9	77.2	ico	70.7	80.8	82.7	89.2	93.7	94.1	92	96.5	97.9	98.6	98.6	98.6	യയ	000	98.6	98.6	98.6	98.6	98.6	• • • • • • • • • • • • • • • • • • • •
THER SE	NUMBER	•	GE 10	•	173.8	74.7	7.) 74.9) 75.1	76.	7.6		80.	86.5	205	90.	_	92.1		_		6 -	٥ <i>،</i>	. ~			<u>ه</u>	<u>ه</u>	93.	
AIR MEATHER SERVICE / MAC	STATION NUMBER:	ING	IN EET		NO CEIL	GE 20000	9.	GE 14900 GE 12000	CE 10000		0E 2000		5000		6E 3500		uc 2500	GE 1800		_	6E 1000	GE 800	GE 600	6E 500	GE 300		6E 100		•
				ŧ			f	-		:					1				-			,		- -	-	,	-		ı
	;			ì	į	1	‡	t		ļ		1		i							i			ĺ				Ì	

						2	32	~ ~		~ 0	 - =	2	80 ~	2 -	72		- -	20 ~	0 00		.		00	o c		
		00	•	, 9		80.2	90.0	80.3	80.	~ ~	82.7) J	89.8	93.	96		~ @	98.5	0	6.66	99.	100	88	100.0	20	100.0
		2100-2300		GE		80.2	80.2	80.3	6	81.7	82.7		89.8	m	و اہ		P 80	98.5	10	99.99	99.		10001			100.0
		-86 (LST):	•	GE	3/16	86.2	0 0	80.3		81.7	82.7	84.5	89.8	93.2	93.7		97.1	98.5	99.8	99.66		8		86	8	100 0
11.17		CORD: 77 HOURS	•	GE	7/1	80.2		80.3	e i	81.7	82.7	84.5	89.8		• •) 1	97.1 98.0	98.5	• •	99.66	•	• •	100.0	00	8	100.0
VERSUS VISIBILITY		OF RE:	•	GE	2/8	80.2	80.2	0 5	80.3	81.7	82.7	e e	89.8	•	•} •	ì		98.5	• •	99.99	66	100.0	100 • 0	100.0	100 • 0	100.0
		PERIOD MONTH	ES	96	3/4	80.2	80°3	80.3	10	87-0	82.7	7 2	89.8	1	M) G) [7 8	98.5	0	99.9	66		100.0	100.0	100.0	100.0
CEIL ING ATIONS			UTE HIL	GE	1	80.2	100	80.3		81.7	82.7	84.5	89.8	93.2	93.7	7	97.1	98.5	99.8	99.66	6.66	100.0	100.0	100.0	100.0	100.0
ENCE OF			IN STAT	GE.	1 1/4	80.2	80.2	6	0	81.7	(~ ~	84.5	89.8	93.2	93.7	;	97.1	80 (99.8	99.99	66	100.0	100-0	00	0.001	100.0
OCCURRENCE HOURLY OBS			BILITY	9E	1 1/2	80.2	00	80.3	0	81.7	82.7	ባቋ	89.8	M	M G) [P 00		20	99.99	6.66	0.00	88	100.0		100.0
ENCY OF			VISI	GE	2	80.2	80.2	0 0	80.3	81.7	82.7	84.5	89.8	93.2	93.7		P 8	98.5	A 0	99.99	66	180.0	100.0	100-0	38	100.0
AGE FREQUENCY		ISLAND		35	2 1/2	80.2	80.2		80.3	81.7	82.7	84.5	89.8	93.2	93.7		97.1	96.5	96.8		66		100.0	8 8	00	100.0
PERCENTAG		: WAKE		GE		80.2	80.2	80.3	80.3		82.7		89.8	. •			97.1	98.5	9.66		6.66	4 4		1000		100.0
P.		ON NAME		GE	3	80.2	80.2	86.3	8 0.3	81.7	82.7	84.5	89.8	93.2	93.7		97.1	9.8.4	9.56	00	8.26	7 0	6.56	6.56	6.56	6.56
BRANCH	Ų	STATION		39	5	80.2	80.2	500.3	20	81.7	82.7	84.5	89.8	93.2	93.7)	97.1	98.4	9.66	99.8	` O (6 66	6.6	100	6.66	5-66
OGY BRA	SERVICE/MAC	912450		GE	9	80.2	80.2	80.3	80.3	81.7	82.7	7 37	89.7	92.9	93.4		96.5	97.8	98.4		98.5		98.5	98.5	98.5	98.5
CL IMATOLOGY AC	ER SER	STATION NUMBER:	:	GE	10	70.9	70.9	10.1	71.0	72.4	73.1	74.3	100	\ ~	81.2	ji	83.3	8 8 8	83.6	83.6	1 M	83.6	83.6	83.6	83.6	83.6
GLOBAL CL USAFETAC	WEATH	I I ON N	1186		- ·	CEIL 1	200001	00000	120001	100001	80001	0009	50001	4 000	35001		25001	1800	12001	10001	800	1009	5001	3001	1001	0
GLO	AIR	STA	CEILING	ni i	FEET	100	SE		6E 1	•	ม เม เ ว ว (ာ ယ ၁ သ	GE FF	. u	ن با با			3 W I	. u	90	. n	u 5 5	์ มูเก		30 4M	35
•					!	*		ļ	• • • • • • • • • • • • • • • • • • •			1		*	:			:	1			ı		!		,

TOTAL NUMBER OF OBSERVATIONS: ___ 8UT

	1	ULOBAL USAFETA	CLOBAL CLIMATOLUGY USAFETAC	AL CLIMATOLUGY BRAN	BRANCH	PE	PERCENTAGE	E FREQUENCY FR	0 0 H	OCCURRENCE OF CEILING HOURLY OBSERVATIONS	NCE OF OBSERVA	CEIL ING TIONS	VERSUS	S VISIBILITY	ורווא			
;	,	AIK WEA	HEK SE	KVICL/ER	,		1											
		STATION	STATION NUMBER:	: 912450	STATION	N. AME	: WAKE	ISLAND					PERIOD Month:	ERIOD OF RECORD: Month: Feb Ho) RD = 77-86 HOURS (LST	-86 (LST):	ALL	
		CEILING	:	•	•	•		•	VISIB	VISIBILITY IN	•	TE HILE	S	:	:	•	•	• • • • • • • • • •
		IN	05	GE A	39	ر د د ع	GE	GE 2 172	GE 2	6E 1 1/2	6E 1 1/4	GE 1	GE 374	GE 578	GE 172	6E 5/16	5E 174	و د 0
i i	<u> </u>						1.						:		1 •			•••••••
1	ŧ	NO CEIL	1 70.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	14.9	74.9	14.9
1		GE 20000	}		75	75.5	75.5	S.	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1	ì	6E 18000	7.1	i	75.	75.6	75.6	۽ م	75.6	75.6	S N	75.6	75.6	75.6	75.6	75.6	15.6	75.6
!	ł		01 71.7	75.7	7.5	75.7	75.7	75.7	75-7	75.7	າທ	75.7	75.7	75.7	75.7	75.7	75.7	75.7
	:	-	71		75.	75.9	75.9	6.	75.9	75.9	15.9	75.9	75.9	75.9	15.9	75.9	75.9	75.9
			01 72.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76-7	76.7	76.7
	, ! !		73	78	80 0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
, 1	1	0009 39	- ~	80	•	8 (.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
1		6E 5000	91	87.3	87.3	11-	87.4	87.4	87.4	87.4	87.4	87.4	87.4	4.18	87.4	87.4	87.4	87.4
	-		82	į	88.9	w li	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	6.89
		UE 3500	01 86.7	94.3	94.6	94.7	94.98	94.8	8 · 76	94.8	94.8	94.0	94.8	94.8	94.8	94.8	94.8	94.8
			87		h • 96	•	9.96	9•96	1.96		1.96	1-96	1.96	1.96	1.96	96.7	96.7	
	ļ			4.96 97.4	96.9	97.0 98.1	97.1 98.1	97.1 98.1	97.1 98.2	97.1	97.1 98.2	97.1 98.2	97.1 98.2	97.1 98.2	97.1 98.2	97.1 98.2	97.1 98.2	97.1
		٦-	88 ×	97	ω ο	യഗ	3°86	4°86	# 86 00	7.00	3.00	# · 86	7.00	4.86	η•86 η•86	7.86	n-86	n•86
	i	GE 1200	88	98.5	. 0	4.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	9.66	1.66	1.66	1.66
	Ì	6E 1000	89.		66		9.66	9.66	7.66	1.66	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		6.E 800	20 20	98.5	99.3	9.56	99.8	99.8	6.66	6-66	99.9	99.99	99.9	100.0	100.00	100.00	100.0	100.0
		6E 600	89.				99.8	99.8	6.66		10	100.0	100.0	100.0	100.0	100.0	100.0	100.0
; 	:	6E 500	8 8	98.5		OB	99.8	99.8	99.99		i	100.0	1	1	100.0		100.0	100.0
		CE 30 _C 6E 200	69. 1 89.	98.5	2.66	9.56	99.8 99.8	99.8	6.66		6-66	1		100.0	100.0	100.0	100.0	100.0 100.0
,			1 89.	98.5	1	.0	99.8	99.8	6.66		1	00.00	İ	100.0	100.0		100.0	100.0
1			0 89.2	98.5	99.3	9-56	8.66	99.8	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100-0	100.0	100.0
						and the second second												
		TOTAL NUMBER	UMBCR OF		OBSERVATIONS:	- 6275	•											

T. Elizareta

UMBER: 912450 STATION NAME: MAKE ISLAND UMBER: 912450 STATION NAME: WAKE ISLAND UMBER: 912450 STATION NAME: WAKE ISLAND UMBER: 06.6 06.6 06.6 10 06.7 06.6 06.6 06.6 10 06.7 06.6 06.6 06.6 06.6 10.1 06.7 06.6 06.6 06.6 06.6 06.6 10.1 06.7 06.6 </th <th>VISIBILITY IN GE GE GE GE 11/2 1</th> <th>7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -</th> <th>PERIOD OF MONTH: MA</th> <th>•</th> <th></th> <th></th>	VISIBILITY IN GE GE GE GE 11/2 1	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	PERIOD OF MONTH: MA	•		
	VISIBILITY IN GE GE 2 1 1/2 1 9.0 69.0 6	M JINIT		RECORD: 77-80 IR HOURS (LS	6 57): 0600-0800	800
CEIL C6.	GE GE 2 1 1/2 1 9.0 69.0 6		2	•	• • • • • • •	• • • • • •
CEIL 66.5 68.9 69.6	9 0.69 0.6	6E 6E 1/4 1	GE GE 3/4 5/8	6E 1/2	GE GE 5/16 1/4	GE O
CEIL L66.5 68.9 69.0 69.0 69.0 69.0 69.0 69.0	9 0.69 0.6				•	
SOUGO 66.9 69.4 69.5 69.5 69.5 69.6		0.69 0.6	0.69 0.69	0.69	0.69 0.69	0.69
18000 67.1 69.5 69.6	9.5 69.5 6	69 5	69 5.	2	5.	69
10000 67.6 70.1 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2	6 69.6	69 9	9.6 69.	٥	9.6	69
12000 67.6	69.8	.89	.69 8.	, ao	80	
10000 67.9 70.6 70.7 70.7 70.7 70.7 70.7 70.9 71.0	.2 70.2	.2 70	2	2	70	10
6000 68.2 71.0 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.2 71.4 <td< td=""><td>7 70.7 7.</td><td>7.07 7.0</td><td>7.07 7.07</td><td>70.7</td><td>7.07 7.07</td><td>7.07</td></td<>	7 70.7 7.	7.07 7.0	7.07 7.07	70.7	7.07 7.07	7.07
7000 66.3 711.3 71.4 <t< td=""><td>27 71.2</td><td>2</td><td>77</td><td>2</td><td>.2 71</td><td>71</td></t<>	27 71.2	2	77	2	.2 71	71
5000 69.2 72.4 72.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.8 82.5 82.5 82.8 82.5 82.5 82.8 82.5 82.8 82.5 82.8 82.5 82.8 <td< td=""><td>11.4 71.4 71.</td><td>11.</td><td></td><td> #</td><td>.4 71</td><td>7.7</td></td<>	11.4 71.4 71.	11.		#	.4 71	7.7
5GG0 75-3 80-1 80-2 8C-3 80-3 80-3 80-3 80-3 80-3 80-3 80-3 80-5 82-5	.5 72.5	.5 72	5 72	5.	.5 72	72
4000 80.5 88.1 88.4 86.5 88.7 89.4 89.4 89.5 89.4 89.5 89.4 89.5 89.4 89.6 89.7 89.5 89.4 89.6 89.6 89.7 89.3 89.4 89.6 <td< td=""><td>3 80.3 8 5 82.5 8</td><td>0.3 80</td><td>0.3</td><td>80.3 8</td><td>80.3 80.3 82.5 82.5</td><td>80.3</td></td<>	3 80.3 8 5 82.5 8	0.3 80	0.3	80.3 8	80.3 80.3 82.5 82.5	80.3
2500 82.5 90.8 91.4 91.6 91.8 91	88.5	8	5 88	rů o	.5 88 0	88
2500 82.6 91.7 92.5 92.5 92.8 92	8 91.8	1.8 91	1.8 91.	8	1.8 91	91.
1800 85.8 93.8 94.8 95.1 95.4 95.4 95.4 95.1 95.4	2.8 92.8 9	2.8 92	8 92.	80 7	.8 92 2 95	0.0
1200 85.2 95.8 97.2 97.7 98.3 99.4 99.6 99 99.6 99 99.6 99 99	5.4 95.4 9	200	4 95	95.4	95°4 95°4	95.
1000 85.2 95.9 97.7 96.3 99.4 99.6 99 900 85.2 95.9 97.7 96.3 99.4 99.6 99 900 85.2 95.9 97.7 96.3 99.4 99.6 99 99 99 99 99 99	8.7 98.7 9	8.7 98	7 98.		7 98	98
800 85.2 95.9 97.7 98.3 99.4 99.6 99 700 85.2 95.9 97.7 98.3 99.4 99.6 99 600 85.2 95.9 97.7 98.3 99.4 99.6 99 100 85.2 95.9 97.7 98.3 99.4 99.6 99	6 9.66 9.	66 9.6	9.66 9.66		66 99	9.66
6001 85.2 95.9 97.7 98.3 99.4 99.6 99 5001 85.2 95.9 97.7 98.3 99.4 99.6 99 4001 85.2 95.9 97.7 98.3 99.4 99.6 99	6 9.66 9.	9.6	66		66	66
500 85.2 95.9 97.7 98.3 99.4 99.6 99 400 85.2 95.9 97.7 95.3 99.4 99.6 99	6 9.66 9	66 9.6	۰	واو	66 9	66
400 85.2 95.9 97.7 95.3 99.4 99.6 99	6 6.66 6.	66 6.6		6.0	0.00 100.0	100.0
96 3 00 4 50 5 5 5 5 6 5 1002	6 6.66 6.	66 6.6	90 00		0000 1000	1
2001 85.2 95.9 97.7 96.3 99.4 99.6 99	99.99	9-9	66 6	•		
1001 85.2 95.9 97.7 98.3 99.4 99.6	6 6.66 6.6	6*66 6*6	• 66	.9 1	00.0 100.0	
6E 01 85.2 95.9 97.7 98.3 99.4 99.6 99	6 6.66 6.6	6.66 6.6	6.66 6.66	99.9	00.00 100.00	100.0

			0																						
	001		3		70.	71.6	71.6	121	73.3	74.8	75.9	83.7	91.9	95.0	95.6	97.2	0	100.0	100.0	100.0	100.0	0.001	100.0	100.0	
	8		174 174		70.3	71.6	71.6	72:3	73.3	74.8	75.9	85.7	91.9	95.0	95.6	97.2	4.66	100.0	100.0	100.0	100.0	0.001	100.0	100.0	:
	1 1	:	GE 5/16		70.3	71.6	71.6	72.3	73.3	74.8	75.9	83.7	91.9	95.0	95.6	97.2	4.66	1000-0	100.0	100.0	100.0	0.001	100.0	100.0	•
	: 77 0 URS	:	6E 1/2		70.3	71.6	71.6	72.3		74.8		83.7	91.9	95.0	95.6 97.0	97.2	4.66	100.0	100.0	8	100.0	100.0	100.0	100.0	•1 1
	OF		6E 5/8		70.3	71.6	71.6	72.3		74.8		83.7	91.9	95.0	1	97.2		100.0		100.0	100.0	100.0	100.0	100.0	
	PERIOD Month:		GE 3/4		70.3	71.6	71.6	72.3		74.8		83.7	91.9	95.0	95.6	97.2	4.66	100.0	100.0	100.0	100.0	l	1	100.0	
		A 1.1	9		70.3	71.6	71.6	72.3		74.8		83.7	91.9	95.0	95.6	97.2	h*66	100.0	00.00	00.00	0.00	0000		100.0	
		N STATUTE	GE 1_1/4		70.3	71.6		• i •	m +	74.8	2	83.7	91.9	95.0	95.6	97.2	6	l	0 0	6		6.6	1	6.66	
		17 I	GE 1 1/2	:	70.3	71.6	71.6	72.3		74.8		83.7	91.9	95.0	95.6 97.0	97.2	4.66	99.99	6.66	6.66	99.66	6.66	6.66	6.66	
		VISIB	, 5	:	70.3	71.6	71.6	72.3	m #	74.8	Š	83.7 86.7	91.9		95.6 97.0	97.2	4.66	6.66	0 0	6.66	99.9	•	6.66	66	•1
	ISLAND		GE 2 1/2	:	70.3	71.6		45 4		74.8		83.7 86.7	91.9	95.0	95.6	97.2	99,1	99.5 99.5		6	99.5) •	•1 •	• 5	
	HAKE		GE 3		70.3	71.6	71.6	72.3	IM J	74.8	i	83.7 86.7	91.9	95.0	95.6 97.0	97.2	99.1	99.5	6	6	99.5	99.5	99.5		
	~		رد د 4	•	76.3	71.6	, — -	4 ،⊘	m =	74.8	10	83.7	91.9	95.0	3 L	97.2	10	95.3	\$ 5	iO	95.3	2 3	O	6.56	8è 0
	STATION	•	GE 5		70.3	71.6	•			74.8	1 .	m 6	91.9			97.0	, .	0.66	0.66		99.0		• •		: ' : '
CE/MAC	912450	. 1	6E 6		70.2	71.5	71.5	72.2	73.1	74.5	75.6	83.4	91.5	•	94.9	4.76	•	ထထ	7.8	7.8	97.8	•		97.8	SERV
K SEKUT			6£ 10		0.6	6.6	6.6	0.0	1.2	‡	2.9	80.3	7.4	9.5	90.0	į	ŧ	2.2	1.2	1.2	1.2	ı	1.2	91.2	R 0F
AIR WEATHER SERVICE/MAC	STATION NUMBER:	CEILING	IN L		CEIL 1		10009	120001	; 			1 2005	35001	000	·		2001	·	8001 7007		1005			10	NUM
AIR	STA	CEI	IN FELT		0 2	3 S				2 Q	급 3	, , ,	ა ა ყ ი	6.E	65 64	ы ы 0	9	OE GE	ت و. د و	GE	์ เ เ	بار د د	100	30	101AL
	, ,		,				ŧ.		the state of the state of	1					-		4								

FERCENTAGE TREGUENCY OF CLUMPING TRANSPORTED FROM HOURLY OBSERVATIONS	STATION NAME: WAKE ISLAND	VISIBILITY IN STATUTE MILES	5 4 3 2 1/2 2 1 1/4 1 3/4 5/8 1/2	 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8	6.7	76-7 76-7 76-7 76-7 76-7 76-7 76-7 76-7	7-1 77-1 77-1 77-1 77-1 77-1 77-1 77-1	7.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4	-3 78-3 78-3 78-3 78-3 78-3 78-3 78-3 78	1.6 81.2 81.8 81.8 81.8 81.8 81.8 81.8 81.8	7.6 87.6 87.7 87.7 87.7 87.7 8 0.0 90.6 90.1 90.1 90.1 9	9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 73.9 7	5.5 95.5 95.6 95.6 95.6 95.6 95.6 95.6 9	6-0 96-0 96-1 96-1 96-1 96-1 96-1 96-1 96-1 96-1	97.9 97.9 97.9 97.9 97.9 97.9 97.9	8.9 98.9 99.5 99.5 99.5 99.5 99.5 99.5	66 6°66 6°66 6°66 6°66 6°66 6°66 9°66 8°66 6°86	8.9 96.9 99.8 99.8 99.9 99.9 99.9 99.9 9	8.9 96.9 99.8 99.8 99.9 99.9	8.9 98.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 8.9 96.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0	.9 96.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 0 0 0	8.9 98.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0	98.9 98.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	ATTMC · ALK
RVICE	TATI			 NO CEIL 74.6 75.8	5.5 76.	160001 75.5 76	75.8 77.	6.0 77.	80001 76.8 78	60001 79.6 81.	7 90.	4000 88.1 3500 88.8	30001 89.4 95.	GE 25001 89.8 95.9 GE 20001 90.2 96.9	18001 90.2 97	1200 90.8 98.	90 8 98	8.00 1 90.8 700 1 90.8	.6081 90.8 98.	0 0	3001 90.8 98.	1001 90.8 98.		Mato at ascret

	ATO TA		ATUE SEBUTE SHANCH	ANCH	PE	RCENTAGE	7	QUENCY OF		CCCURRENCE OF HOURLY OBSERVI	CEILING ATIONS	G VERSUS	S VISIBILIT	ILITY			
		A MIMINEM SEN	. 012450	AC STATION	NAME	. VAKE	TSIAND					Orala	2	77 - NO	48.6		
	-	N Oriot N	71.	,	1 I	.	1					HONTH	MAR	HOURS	(LST):	1800-2000	S S
ł *	EILING		•		•		•	VISI	BILITY	IN STATUT	E MIL	ES			:	•	•
!	IN FEET	1 66	GE 6	6E 5	39	GE 3	6E 2 1/2	GE 2	5E 1 1/2	6E 1 1/4	6E 1	6E 3/4	6E 578	6E 1/2	6E 5/16	6E 1/4	٥
					•												
	NO CEIT	1 74.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76
	6E 20000	75	77:		7.77	1-1	77.77	7.77	1.17	7.77	77.7	77.7	1.11	77.7	7.77	1.17	11
, .a	91	75.	77.		سااء	-11-	77.8		77.8	77.8	77.8	77.8	• •	17.8	• •	77.8	77.8
, J ()			78	78.1	78-1	78-1	78.1	78.1	78.1	78-1	78.1	78.1	78-1	78-1	78.1	78.1	78
		. !			, 1)		. 1								3 1	
. 0	10000 3c	76.5	78.7	78.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78
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و د	6E 4500		88.2	88.2 90.6	88.2 96.3	88.2 90.6	88.2	88 • 2 90 • 6	88.2	90.6	88.2	88.2	88.2	88.2 90.6	88.2	88.2 90.6	88
ن د	37 /	89.	46	3 1	9.46	3 4		3 0	ar u	3 L		1 6	٠.	14	9.46	9.46	76
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د د	ot. 2500 LE 2000	0 - 31 - 0	96.3	97.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.3	96.3	96.3	96.3	96.3	96
ر و	٦,	91.	97.		-	7.			~ (~ (97.6		1:	97.6	-	6
ی ر	-	92.	98	• •	2.56			7.66	1.66		• •	99.7	99.7	מות	1.66		0
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	800	26	9,6	866	6 6	0	• ! •	• •	99.8	0	• •	. 6	99.8	8.66	99.8		66
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CEILING 1N FEET 10 CEIL 10	STATION NUMBER: CEILING CEILI	STATION NUMBER: 912450 S CEILING LA FEET GE GE LO CEIL 74.3 81.0 8 LE 20000 74.6 81.4 8 LE 18000 74.6 81.4 8 LE 16000 75.0 82.0 8 LE 16000 75.4 82.3 8 LE 16000 75.4 82	S1 T T T ON S S S S S S S S S S S S S S S S S S	A COMMI	#AKK 666 81-4 81-4 82-0 82-3 82-5 83-6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	81.4 81.4 81.4 81.4 81.4 81.6 82.5 82.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		PERSUS PERSUS 1 / 4 8 1 . 0 8 1 . 4 8 1 . 4 8 1 . 4 8 2 . 5 8 2 . 3 8 2 . 5 8 3 . 4 8 3 . 4 8 3 . 4 8 3 . 6 8 4 . 6 8 5 . 0		100 N O 0 2 2 2 2 0 M M D C	91.4 81.0 81.4 81.4 81.4 81.4 81.4 81.4 81.5 82.5 82.5	2100-2300 6E 1/4 1/4 81.4 81.4 81.4 81.4 81.4 81.4 81.6 82.0	9 9 9 9 1 1 1 9 6 9 9 9 9 9 9 9 9 9 9 9
0 102 2WW 100 HHH	5 10 4 MMM M # # 10 M	z 002250 1000	# @D:7 #W Wr. P @:0	8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	84.7 994.88 994.88 995.9 997.7 999.3			* 803 * * 5 5 6 6	* 80 7 7 8 8 60 8 F	95.99 95.99 95.99 95.99 95.99 95.99 95.99	4 100134W NF-00		84.7 88.9 90.7 94.8 94.8 95.9 97.5 97.5	12 00 12 1 M P P P P	84.7 90.7 94.8 94.8 95.9 97.5 97.5 97.7 99.1	94 - 8 94 - 8 94 - 8 94 - 8 95 - 9 95 - 9 97 - 5 99 - 1
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TATION NUM EILING FIN FELT O CEIL 17												- 1				
1 1 NG		912450	STATION	N NAME:	WAKE	ISLAND					ERIOD Month	ا _{ند} کا	JF RECORD: 77- Mar Hours (-86 (LST):	ALL	
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CEIL I					:	3/1	:									
	1.7	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
E 200001	2.4		្សស	្រហ	S	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
180001	2.4	75	76.0	9	<u>ا</u> و.	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
6E 160001 72	72.4	9	76.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2
E 120001	2.8	76.4	76.4	0 0	Oίσ	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
SE 10000 7	1m v	76.8	•	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
5 3000 1 7	ຳຕໍ	•	77.7	- -	• •	77.77	77.7	77.77	77.77	77.77	17.77	17.77	77.77	77.77	7.77	17.17
r 70007 7	3	- 30	8	ယ	8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	. 78.3
E 60001 7	5.3	6	6	C.		19.7	79.7	19.1	19.1	19.1	79.7	19.1	79.1	79.7	19.1	19.1
50001 7	6	85.4	5.	37 (S.	lund	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	95.6
5001 8 0001 8	~ 3	87.7	97.5	92.5	92.6	92.6	92.6	92.6	N C	92.6	92.6	92.6	92.6	95.6	92.6	92.6
35001 8	. 2	ıM	M	N 1	'n	I M	93.5	M	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
30001 8	ີນ	94.3	3	3	÷	20	6. 46		3	•		6.46	6.46	6.46	6.46	6.46
5E 25001 66	6.2	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4 97.0
E 1800! &		91	1.0	-	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
12001 8	: .:	97.7	0 00	8.86	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
E 10001 8	1:	97.8		10		9.66	7.66	1.66	7.66		99.8	99.8	8.66	99.8	8.66	8.66
E 900 8		•	8	S	• 6	9.66	1.66	7.66	99.7	• !	99.8	99.8	99.8	99.8	• !	99.8
6E 8U01 8	7.7	97.8	သ ရ ဆ ရ တ	96.1	99.5	9.66	99.7	99.7	99.7	80.00	80°00	8.66	8 6	9 60	8 8 8	0 0 0 0 0 0
8 1009		•	œ	10	ı e	9.66	8.66	99.8	8.66		8.66	8.66	8.66	8.66		8.66
5001	_	97.8	∞ (1.66	9.66	9.66	6.99	6.66	6.66	188	100.0	100.0	100.0	100.0	100.0	100.0
9 1004 3	٠,	•	ο, •		• 1	99.6	66.60	99.9	6000	3 2	000	100	0.001	100		0-001
6E 2001 8		97.8	2 6 2 6 3 6	1.66		9.66	6.66	6.66	99.9	100.0	100.0	100.0	100-0	100.001	10001	100.0
E 1001 8			· &		9.66	9.66	6.66	6.66	6.66	8	100.0	100.0	100.0	00	100.0	100.0
8 10 25	87.7	97.8	98.8	1.56	9.66	9.56	6.26	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0

GLOBAL	GLOBAL CLIMATOLOGY USAFETAC	LOGY BRANCH	HO?	PER	ERCENTAGE	E FREQUE	QUENCY OF FROM	OCCURRENCE HOURLY OB:	SERV	CEILING ATIONS	G VERSUS	S VISIBILITY	ILITY			
AIR WE	WEATHER SERVICE/MAC	RVI CE / HAG														
STATIO	ON NUMBER	: 912450	STATI	TATION NAME	: WAKE	ISLAND					PERIOD Honth:	OF AP	ORD: 77 HOURS		0000-0500	00
CEILIM					•	•	VISIB	ILITY	IN STATE	Ä	ES	•		•		•
IN	1 65	GE	GE	GE.	6E 3	6E 2 1/2	6E 2	GE 1/2	12 5		GE 3/4	. 5/8	GE 1/2	GE 5/16	7 7 7	O O
															•	
NO CET	IL 69.7	75.4	76.4	76.4	77.2	17.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
6E 20000	00 71.5	1	8 6	78.4	79.2	79.2	80.3	80.6	80.6	80.6	80.6	80.7	80.6	80.6	80.6	80.6
	17.	. ~	00) w	6			10	10	80.8	80.8	80.8	80.8	808	80.8	80.8
6E 140		77.7	78.7	78.7	• •	79.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
•	72.	8	8	lo.	10		81.8	10	10	82.1	82.1	82.1	1 4	82.1	82.1	82.1
	73.	6	o .	u,	~ •	•]	82.3	NIN	NIN	82.7	82.7	82.7	• 1	82.7	82.7	82.7
6E 8C	8C001 73.5 70001 73.9	80.3	80.8	81.8	81.6	81.6	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	8 . 8 . 8 .	83.5
	75.	5	M	!~ ∩	M		84.8	lun .	lvs .	85.2	85.2	85.2		85.2	85.2	85.2
ຸດລະ	100	100		(C) (I	100		90.4	90.8	90.8	900.8	90.8	90.8	90.8	90.8	90.8	90.8
រយៈ			92.2	92.2	93.0		94.1	4.46	4.46	4.46	4.86	4.46	94.46	3. 36	5-56	4.46
m m	5 %	5:	, ÷	N 2	งเง	•] •	96.1	96.5	96.5	96.5	96.5	96.5	96.5	5-96	5.96	3.96
, (4	82.	m	3	 3	lv.		96.5	96.8	8 96	96.8	96.8	96.8		96.8	96.8	96.8
ы 1	8001 82.9	93.7	95.2	95.2	4096	96.4	97.4	- 10-	- [-	97.7	- 1		7.16	1.16	• 1 •	97.7
٦,	83.	· 60	9	2) 1	~ 10	• •	99.1	4.66	4.66	99.4	4.66	4.66	- 1	99.4 8.00	4.66 B.00	9.66
 1	83°	å	•	•	•	•	***	77.0	99.6	77.0	44.0		•			
6E 10	9001 83.5	95.3	96.9	97.1	98.3 98.5	98.3 98.5	4.99 7.99	99.8 100.0	100.0	99.8 100.0	99.8	99 • 8 100 • 0	99.8 100.0	39.8	100.0	100.0
	83.	ığı			1000		1.66	12 2	100-0	188	8 8	100.0	100.0	100.0	100.0	1000-0
	, m	ຳທ		- 1	oieo	•; •	7. 66	100.0	100.0	100.0	100.0	100.0	100.0	9	100-0	100.0
	83.	S u		1- 1	80 0		7.00	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
1 M 1	3001 63.5	r = 1	100	4-16	2.86		7.66	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	83.	ຸ້າ		-11	000	• •	99.7	100-0	100-0	100.0	10000	0.001	0.001	100.0	100:0	100.0
	01 83.5	95.4	97.1	4-16	98.5	96.5	1.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL	X 3E 8	90	S	74								[1		l	
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	VISIBILITY		
-	VERSUS		
	PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY	RVATIONS	
	OCCURRENCE	FROM HOURLY OBSERVATIONS	
	NCY OF	FROM	
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The second secon	PERCENTAGE		
1			MAC
	GLOBAL CLIMATOLOGY BRANCH		AIR WEATHER SERVICE / MA
	IL CLIMA	TAC	FATHER
	CL031	USAFETAC	AIR

STATION NUMBER 912490 STAT		<u> </u>	N. M. M. M. M. M.		3 C K V I C C / 112 K	,													
No CII, 68.7 75.6 77.0		STA		UMBER:		STATI	NAME	Y.	SLA					PER100 Honth	OF REC	080	31.1	0300-05	00
No CLI 0.6.7 75.6		- G	LING						•,•	VISI	BILITY	N STAT	UTE HIL	ES	• • • • •	•••••	• • • • •	• • • • •	•
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C C C C C C C C C C		9 1	(C) (C)	00		80 8	သောဇ	80 8	78.2	79.1	79.1	79.1	79.1	0	79.1	79.1	79.1	79	60
CI 10000		1 1 1 1	, ડ	. 6		8) w	8	78.4	79.2	19.2	79.2	79.2	٠ I 👁	79.2	79.2	79.2	16	
C 1000 0.5	*	ایا	5 (6	m.	80	201	φį.	• (0	79.3	79.3	79.3	6	79.3	79.3	79.3	79	• • •
C C C C C C C C C C		ئيا د !	L.)	6	• '	œ l	9	8	•	•	79.5	79.5	79.5	9.	79.5	•	79.5	19	
VE FORM 70.5 78.5 79.6 79.6 80.7 80.7 8		35	0	÷	8	6	5	9.		0	0	ó	80.0	0	•		ö	ŀ	ŀ
Charles 71.5 60.4 61.6 61.6 61.6 61.5	;	ر د در	0006	0.5		6 .1	S.	6	79.8	6	6	6	80.6	ö	d	•	•	•	اه
500 76.2 67.1 68.8 68.8 68.9 68.9 68.9 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.8 62.6 6		יי פיני	10008	.	.	80.	ت د	.	80.0	ė -	.	.	80.0	.	.	•	•	•	.
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Sign Sign	•	3 3 3	35001	6	8	M	(27)	• 1	94.0	94.8	94.8	•		94.8	94.8	9.46			. 3
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Second S		ຕູ ເ	25001	å	m :	Š.	2.	5.	95.8	•		91	6	9.96	9.96	9.96		I •	101
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300 81.3 95.9 98.2 98.2 98.9 98.9 100.0 10		2 5	4001	1 · M	56) ဆ		98.9	38	38		98	90	0-001	38	98	90	100.001
1001 81.3 95.9 98.2 98.2 98.9 98.9 100.0 1		ט פ	3001	1:3	95.	. α	30 3	80	•	00	00	00	00	9	100.0	8	8	88	100.0
0 81.3 95.9 98.2 98.2 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0		6E	1001		2	. α	, 1 🕸	000	•		8	00	8	00	100.0			00	100.0
***************************************		CE	0	‡ •	5.9	98.2	96	80	6.86	100.0	100.0	100.0	18	100.0	100.0	100.0	100.0	100.0	100.0
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STATION NAME: WAKE ISLAND VISIBILITY IN STATULE MILE S. 4 3 2 1/2 2 1 1/2 1 1/4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100		USAFETA AIR WEA	CLIMAI IC ITHER S	6L0BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC	RANCH			ı	FROM		HOURLY	HOURLY OBSERV	ATIONS						
17.2 72.8 73.1 73.1 74.2 74.2 75.1 75.5 75.6	17.2 17.2	_	STATION	NUMBE	R: 9124		TION A	1 :	; =	LAND					PERIO MONT	OF RE	ORD: 7	!		1 (
72.2 72.8 73.1 73.1 74.2 74.2 75.1 75.5 75.5 75.6	1 10 10 10 10 10 10 10		CEILING			•	•		:		•	ILITY'	N ST	UTE MIL	:0			•		
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CELL 72.2 72.8 73.1 73.1 74.2 74.2 75.1 75.5 75.5 75.6 75.6 75.6 75.6 75.5 75.6 75.5 75.6 77.5	2000 76.4 77.2 77.4 77.4 77.5 77	1				,										•	•	• • • • •	• • • • •	• • • •
10,000 76.4 77.2 77.6 77.6 78.9 78.9 79.1 80.2 80.2 80.3	COURT F.G. T.T.	*	NO CEIL	1 72	2 72.	8 73	1 7	.1	4.2	74.2	S	2	5		5	•	75.6	75.6	75.6	75.6
10000 76.5 77.5 77.7 77.7 78.9 78.9 79.8 80.2	1,000 17.5 17.7 17.5		20	7	4 77.	2 77	-	6 7	8.8	78.8	79.7	80.0	80.0	80.2	80.2		80.2	80.2	80.2	80.3
1,000 77.5 78.3 78.6 76.6 79.8 80.8 81.1 81.1 81.2 81.2 82.3	10000 74.3 79.5 78.5 78.6 78.6 78.6 79.8 80.9 81.8 82.2 82.2 82.3 8					3 - 77	-		6.8	78.9	79.8	80.2	80.2	80.3	80.3	80.3	800.3	80.3	80.3	80.4
10000 79.3 79.3 79.7 79.7 80.9 80.9 81.8 82.2 82.2 82.3	10000 7e, 3 7e, 7 7e, 7 60, 9 60, 9 61, 8 62, 2 62, 3	:		- ~	5 78.		7	6 7	8 6	79.8	80.8	31.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
9000 76.3 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 80.0 81.2 83.5 <th< td=""><td> Name </td><td></td><td>-</td><td>7</td><td>70</td><td>7.9</td><td>,</td><td>8</td><td>6.0</td><td>80.9</td><td></td><td>82.2</td><td>82.2</td><td>82.3</td><td>82.3</td><td>-</td><td>1</td><td>82.3</td><td>82.3</td><td>82.3</td></th<>	Name Name		-	7	70	7.9	,	8	6.0	80.9		82.2	82.2	82.3	82.3	-	1	82.3	82.3	82.3
String 79.5 81.6 81.0 82.2 82.2 83.1 83.5	SCOOL 17-5 SU-6 SU-6 SU-7		1 5	· ~	. 4	. ~	7	8	0.0	80.9	81.8	82.2	82.2	82.3	82.3	١	1	82.3	82.3	82.3
5000 81.5 82.7 83.2 83.3 84.5 84.5 85.4 85.8 85.8 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 94.2 94.2 94.2 94.2 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.2 <th< td=""><td>\$200 87.2 89.46 90.13 90.44 91.5 92.6 93.0 93.0 93.1 93.2 </td><td></td><td>30 r</td><td></td><td>5 8U</td><td>α ο α</td><td>0 4</td><td>Ω 4</td><td>2.2</td><td>82.2</td><td>83.1</td><td>83.5</td><td>13 • 84 ¢</td><td>83.6</td><td>83.6</td><td></td><td></td><td>84.2</td><td>84.2</td><td>84.2</td></th<>	\$200 87.2 89.46 90.13 90.44 91.5 92.6 93.0 93.0 93.1 93.2		30 r		5 8U	α ο α	0 4	Ω 4	2.2	82.2	83.1	83.5	13 • 84 ¢	83.6	83.6			84.2	84.2	84.2
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100 100	100 100		U) S	, αρ α	2 89	8 90	200	7.	1.5	91.5	NM	93.0	93.0	93.1	93.1	93.1	93.	93.1	93.1	93.1
2500 89,3 93,9 95,2 95,2 96,4 97,4 97,5 97,5 97,5 97,7 98,9 98,4 98,4 98,4 98,5 <td< td=""><td>3500 89.3 93.1 93.8 93.9 95.2 95.2 95.2 97.5 97.5 97.5 97.7 97.7 97.7 97.7 97.7</td><td></td><td>* *</td><td>ο co </td><td>3 93</td><td>1 93</td><td>6 1</td><td>6</td><td>1.6</td><td>95.1</td><td>96-1</td><td>96.5</td><td>96.5</td><td>96.6</td><td>96.6</td><td></td><td>İ</td><td>9.96</td><td>9.96</td><td>96.6</td></td<>	3500 89.3 93.1 93.8 93.9 95.2 95.2 95.2 97.5 97.5 97.5 97.7 97.7 97.7 97.7 97.7		* *	ο co 	3 93	1 93	6 1	6	1.6	95.1	96-1	96.5	96.5	96.6	96.6		İ	9.96	9.96	96.6
2500 69.9 93.8 94.6 94.8 96.4 97.4 97.8 97.8 97.9 97.9 2500 90.0 94.2 95.2 95.4 96.9 96.9 96.9 96.9 96.5 98.5 2500 90.1 94.4 95.3 96.4 96.9 96.9 96.5 96.5 96.5 2500 90.6 95.2 96.4 96.4 97.9 97.1 97.1 98.9 2500 90.6 95.3 96.4 96.6 96.8 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 99.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 99.8 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 99.8 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 99.8 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 99.8 99.8 99.8 99.8 100.0 2500 90.6 95.3 96.6 96.8 98.4 98.4	2500 69.5 94.6 94.4 96.4 97.4 97.4 97.8 97.5 97.9 97		M	683	3 93 8 8	1 93	8 7	6 0	5.5	95.2	97.2	97.5	97.5	97.7	97.1	ļ		7:16	1:16	7:76
2500 69.9 93.8 94.6 94.8 96.4 96.9 91.4 91.8	2500 90.0 94.2 95.2 96.4 96.4 96.4 96.4 97.4 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8			_	,	_										-		0 40	0 4 0	6
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1200 90.6 95.3 96.4 96.4 96.4 99.4 99.5	1200 90.6 95.3 96.4 96.6 98.4 98.4 99.8 99.8 100.0 100	ļ			56	. O (6	0	7.1	97.1	98.1	۱.	98.5	986	986	9.86		9-86	9*86	9.86
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700 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0	700 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 100.	-			95.	36 - 26	6 9		7.8	98.4	4.66	99.8	99.8	100.0	1	100	100 • 0	100.0	100.0	100.0
5U0 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0 400 90.6 95.3 96.6 96.8 98.4 99.4 99.8 99.8 100.0 100.0 700 90.6 95.3 96.6 96.8 98.4 99.4 99.8 99.8 100.0 100.0 100 90.6 95.3 96.6 96.8 98.4 99.4 99.8 99.8 100.0 100.0 0 90.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0	500 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 100.0 100.			_ ~	6 95 6 95	3 96 3 96	9		2 7	98.4	99.4	99.8	8.66	100.0	100.0	300	100.0	100.0	100.0	100.0
300 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0 700 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0 100.0 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0 100.0 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0 100.0	300 90.6 95.3 96.6 96.8 98.4 98.4 99.8 100.0 100		:		5 95	3 96	9 4	00	8 • 4	80	4.66	99.8	99.8	100.0		100	100.0	100.0		100.0
700 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0 0 90.6 95.3 96.6 96.8 98.4 98.4 99.4 99.8 99.8 100.0 100.0	700 90.6 95.3 96.6 96.8 98.4 98.4 99.8 99.8 100.0 10				56	36	9	6	7 . 8) . 	h 66	99.8	99.8	100.0	1	100	1	100.0	1	0.001
0 90.6 95.3 96.6 96.8 98.4 96.4 99.4 99.8 99.8 100.0 100.0	0 90.6 95.3 96.6 96.8 98.4 96.4 99.4 99.8 100.0				6 95 6 95	3 96 3	6.6	6	2.00	0 · 0	4.66	99.8	עוע	100	1			1000	-	100.0
	OF OBSERVATIONS: 852		39		6 9	3 96	6 9	8	8.4		99.	6	6	100.0	1	100.0	100.0	100.0	1 0	Pr :
	OF OBSERVATIONS: 85	· .		•	:		• • • • • • • • • • • • • • • • • • • •			•				•]					1	

1 PERCENTAGE FREQUENT ATTON NAME ISLAND 1	ATION NAME: WAKE I

VISIBILITY IN STATUTE MILES

CE GE GE GE GE GE GE • • • • • • • • 77.5 79.6 80.0 80.8 81.6 82.1 99.8 99.8 100.0 100.0 71.3 88.8 89.7 93.0 93.2 100.0 94.4 96.7 97.0 98.7 100.0 99.3 100.0 PERIOD OF RECORD: 77-86 HONTH: APR HOURS(LST): 1800-2000 77.5 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 174 174 79.6 80.0 80.8 81.6 82.1 88.8 89.7 93.0 94.0 94.4 96.7 97.0 98.7 5/16 71.3 77.5 77.5 77.5 78.1 79.6 80.0 80.8 81.6 82.1 88.8 89.7 93.0 94.0 99.8 99.8 100.0 100.0 100.0 94.4 96.7 97.0 98.7 100 · 0 100 · 0 100 · 0 100 · 0 GE 1/2 71.3 77.5 77.5 77.5 78.1 79.6 80.0 80.8 81.6 88.8 89.7 93.0 94.0 99.8 99.8 100.0 100.0 94.4 96.7 97.0 98.7 OCCURRENCE OF CEILING VERSUS VISIBILITY HOURLY OBSERVATIONS 100000 6E 5/8 71.3 79.6 80.0 80.8 81.6 82.1 88.8 89.7 93.0 94.0 99.8 99.8 100.0 100.0 77.1 94.4 96.7 97.0 98.7 100.0 100.0 100.0 100.0 GE 3/4 77.1 77.5 77.5 78.1 79.6 80.0 80.8 81.6 82.1 88.8 89.7 93.0 94.0 94.4 96.7 97.0 98.7 99.8 99.8 100.0 100.0 77.1 77.5 77.5 78.1 79.6 80.0 80.8 81.6 88.8 89.7 93.0 94.0 94.4 96.7 97.0 98.7 71.3 99.8 99.8 100.0 100.00 100.0 77.1 77.5 77.5 78.1 79.6 80.0 80.8 81.6 82.1 88.8 89.7 93.0 93.2 1/4 94.4 96.7 97.0 98.6 99.5 99.8 99.8 99.8 1 1/2 77.1 77.5 77.5 78.1 79.6 80.0 80.8 81.6 82.1 94.4 96.7 97.0 98.6 71.3 88.8 89.7 93.0 93.2 99.5 99.5 99.8 99.8 99.8 99.8 99.8 PERCENTAGE FREQUENCY OF FROM 71.0 76.7 77.2 77.2 77.8 79.3 79.6 80.4 81.2 81.8 88.5 89.4 92.6 92.9 94.0 96.3 96.7 98.3 99.2 4.66 4.66 4.66 4.66 WAKE ISLAND 2112 69.69 93.0 95.3 95.6 97.2 75.7 76.2 76.2 76.7 78.2 78.6 79.4 80.2 87.4 88.4 91.6 91.8 92.6 98.2 98.2 98.4 98.4 6.69 78.2 78.6 79.4 80.2 80.8 93.0 95.3 95.6 97.0 98.2 98.2 98.2 98.2 M 75.7 76.2 76.2 76.7 87.4 88.4 91.6 91.8 97.9 97.9 98.2 98.2 STATION NAME: 0.59 77.3 78.5 79.3 79.3 # 74.8 75.2 75.2 75.8 86.5 87.4 90.7 91.7 922-1 94-0 95-6 95-6 4-96 4-96 4-96 4-96 68.8 77.2 91.8 93.7 94.0 95.2 S 74.7 75.1 75.1 75.7 86.4 87.2 90.4 90.7 96 °C 0 96 °C 96.0 96.0 96.0 96.0 SE 6L03AL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC STATION NUMBER: 912450 P 89 85.9 86.8 89.9 90.1 9 74.2 76.7 77.1 77.9 78.7 91.2 92.6 92.9 94.0 7.76 7.76 5.46 5.46 5.46 'W 10 67.1 72.4 72.8 72.8 73.4 73.8 74.5 74.9 75.6 75.9 61.0 81.7 84.1 84.2 84.9 85.3 85.9 86.1 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 ႘ 2500 | 2500 | 2500 | 1800 | 1500 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | 12 160001 20000 | 18000 | 1 0000 l 9 000 l 8 000 l 5000 | 4500 | 4000 | 3500 | 3600 | 7000 1000 900 800 700 600 \$00 400 300 200 190 12000 CE IL CEILING IN FEE T 02 20022 22223 37.23 1

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TOTAL NUMBER OF OBSERVATIONS:

	3 5 F	GLOBAL CI USAFETAC	CLIMATOLOGY BRANCH	OGY BRAI	L CH	PER	ERCENTAGE	FREQUENCY	70 F	OCCURRE HOURLY	ENCE OF OBSERVA	CEIL ING	S VERSUS	S VISIBILITY	ורווא				
	ď,	3 1 4	HLR SLK	VICE/RAI	- !	I								- 1					
ł	S.	TATION	NUKBER:	912450	STATION	ON NAME:	NAKE	ISĻAND					PERIOD Month:	OF RECORD: : Apr Ho	77 URS	6 ST):	2100-2300	00	
	: 5	EILING			• • • • • •	• • • • • • •	•		VISIB	ILITY I	N STAT	UTE MILE	53	•	•	:	• • • • •	• • • • • •	•
		IN	1 GE 1 10	6 E 6	39 29	3.3 \$	GE 3	6E 2 1/2	GE 2	6E 1 1/2	GE 1 1/4	GE	GE 3/4	6E 5/8	GE 1/2	GE 5/16	GE 174	, 39 0	
•	; ;			•				•						:					
† !		2	9 —	75.4	76.3	76.3	77.2	77.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
	3 3	2 U	69	F 8	80	[10 O		79.6	80.7 80.7			1: 5	81.0		81.0	81.0	81.0	~ ~	
-	30 6			78.1	79.0	79.0	79.8	79.8	80.9	81.2	81.2	81.2	81.2	81.2	1 - 0	81.2	81.2	81.2	
;	3	12	71.	. 6	.0	al Ca	• 1 •		82.5	1 0	1,14		82.9	110	1N	• •	el e	ulN .	
	្ន	10000	71.2	100	0 -	1.7 ~	1:2	81.7	10 M	l ww	l w w	83.4	83.1	83.1	MM	83.4	83.1	lw w	İ
		800	c	80.9	81.8	81.8 22.5	82.6	82.6	83.7	84.0	84.0	84.0	84.0		84.0	84.0	84.0	84.0	
!		9009	i m	Ň	i M	1 4	3	nia+	יווי	10	ישוי	86.0	- 19	פעוי	19	86.0	86.0	7 O	
	33	² 23 CS		2.8	86	ထပ		89.2 90.0	90.2	10 ~	10 ~	90.6	90.6	90.6		90.6	90.6	90.6	į .
•	3 8	3560	1 80.0 80.2	91.8	92.9	92.9	93.7	93.7	94.8	95.1 95.5	95.1	95.1 95.5	95.1	95.1 95.5	95.1 95.5	95.1	95.1 95.5	95.1	
	3	300	•	ım	3	3	5	95.1	96.2	9	9	96.5	96.5	9		96.5	96.5	96.5	
	93	25	! • •	m m	2 0	4 0	12 9	95.2	96.3	196	i • •		96.6	96.6	96.6	96.6	96.6	96.6	
!	6. 6. 6.	180 150	80.9	93.4	95.6	95.6	96.6	96.6	97.7	98.0	800	98.0	98.0	99.0	98.0		98.0	98.0	
	3	12			9	(L)	-	97.8	9.86	99.2			99.3	99.3	99.3	99.3	99.3	99.3	
	3 3 3 3 3 3 3	10001	81.	94.3	3.	3 ~	P 80	97.6	100 0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	1
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	. C.	a	81.2	94.8	97.4	97.4	98.5	98.5	99.5	66.66	6 66	100-0	100-0	100-0	0	100-0	100.0	100.0	:
	1	OTAL NUM	3ER 0	BSERV	,	858								1					
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CLIMATOLOGY BRANCH PERCENTAGE FREGURES STATION NAME: WAKE ISLAM I NUMBER: 91245G STATION NAME: WAKE ISLAM I NUMBER: 91245G STATION NAME: WAKE ISLAM I LOS. 6	FREUUENCT OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS	LAND PERIOD OF RECORD: 77-86 MONTH: APR HOURS(LST):	VISIBILITY IN STATUTE	GE 1/4	• • • • • • • • • • • • • • • • • • •	74.5 75.5 75.7 75.7 75.7 75.7 75.7 75.7	1 19-1 19-3 19-3 19-3 19-3 19-3 19-3 4 70-7 70-6 70-6 70-6 70-6 70-6	4 79.4 79.6 79.6 79.6 79.6 79.6 19.6 79.6 7	.8 79.7 79.9 79.9 80.0 80.0 80.0 .4 80.3 80.6 80.6 80.6 80.6 80.6	81.1 81.3 81.3 81.4 81.4 81.4 81.4 81.4	82.0 82.3 82.3 82.3 82.3 82.3 82.3	82.5 82.8 82.8 82.8 82.8 82.8 82.8	83.9 84.2 84.2 84.2 84.2 84.2 84.2	.6 89.9 90.2 90.2 90.2 90.2 90.2 .0 91.0 91.2 91.2 91.2 91.2	9.46 9.46 9.46 9.46 9.46 9.46 9.46 5.46 5.	.8 95.8 .96.0 96.0 96.0 96.0 96.0 96.0 96.0	5.2 96.2 96.4 96.4 96.4 96.4 96.4 96.4 96.4	6.4 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6	7.6 98.7 98.9 98.9 98.9 98.9 9	8.0 99.1 99.3 99.4 99.4 99.4 99.4 99.4	8.4 99.4 99.7 99.7 99.8 99.8 99.8 99.8 99.8 8.5 88.5 99.5 99	5 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0	5 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0 5 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0	99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0	99.6 99.9 99.9 100.0 100.0 100.0 100.0	99.6 99.9 99.9 100.0 100.0 100.0 99.6 99.9 99.9 100.0 100.0 10 _{0.0}	99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0	8.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0	
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		912450 \$	•	GE GE 6		73.1 73.	.6 77.	9 77.	9 78.	.97 7.	6 80.	.1 80.	.4 82.	.3 88 .3	.5 92.	7 93.	.1 93.	80,0	.8 96.	.96 96.	96 0	.1 96.	.1 96.	.1 96.	-1 96	.1 96. .1 96.	.1 96.	95.1 96.	• • • • • • • • • • • • •

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Control Cont	CEIL 79.3 64.5	84.5 84.5 84 86.3 86.3 86 86.9 86.9 86 87.0 87.0 87	•
18000 81-5 86-3	Second S	86-3 86-3 86 86-3 86-3 86 86-9 86-9 86	84.5 84
10000 82.3 87.7 87.7 87.7 87.7 87.7 87.7 87.2	Hardroon Hardroon	86.9 86.9 86	3 86.3 86. 3 86.3 86.
1000 81.5 87.0 87.1 87.2	10000 81.7 87.2		9 86.9 86
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100 83.3 89.0 89.1 8	7000 83.3 89.0 89.1 89.2 90.2 <th< td=""><td>88.8 88.8</td><td>88.8</td></th<>	88.8 88.8	88.8
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SCOOL 97.6 98.1 99.2	2500 90.0 97.8 98.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.8 <th< td=""><td>******</td><td>•</td></th<>	******	•
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1200 90.6 99.3 99.8 99.8 99.9	1200 90.6 99.3 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 1000 90.6 99.3 99.9 99.9 100.0	99.55 99.59 99.99	5 99.5 99 8 99.8 99
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

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ŧ	00	• • • • • •	SE O		82.1	85.3 85.3	. i .	86.5	•	9	86.9	2	89.4	93.6	64.7	97.0	2.00	4.16	4.16	2066	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.001	100.0	100.0		
	1 1 1	•	GE 1/4		82.1	85.3		86.5		6.98	•	87.8		93.6	94.7	97.0	71.00	97.4	4.79	2.66	99.2 100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0		
-	D: 77-86 HOURS (LST):	• • • • •	GE 5/16	:	82.1	85.3	86.0	86.5	86.9	86.9	86.9	84.6	89.4	93.6		97.0	•	97.4	97.4	2.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	1 00 • 0	100.0		
	RECORD: 77	•	GE 1/2		82.1	85.3	86.0	86.5	86.9	6.98	86.9	86.1	4.68	93.6	3 T I	97.0	21.0	4-16	97.4	2.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0		
	F E	•	6E 5/8		82.1	85.3	86.0	86.5	86.9	86.9	86.9	3	7 68	93.6	94.7	97.0	21.03	97.4	4.76	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2001	100.0	100 • 0	100.0		
	PERIOD C	ES	5E 3/≰		82.1	85.3	9	86.5	. 86.9	86.9	86.9	8/.6	89.4	93.6	94.7	97.0	71.03	97.4	97.4	99.2	100.0	100.0	90	100.0	100.0	100.0	100.0	0.00	100-0	100.0	100.0		•
		ATUTE MILE	6E 1		82.1	85.3	86.0	86.5	86.9	86.9	86.9	87.5	89.4	93.6	7.46	97.0	2163	97.4	4.16	99.2	100-0	100.0	[2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
		IN ST	1 1/4		82-1	85 • 3 5 • 3	86.0	86.5	86.9	6.98	86.9	0.7.0	89.4	93.6	1.46	97.0	7105	97.4	h° 16	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1	
		IBILITY	GE 1 1/2		82.1	85.3	110	86.5	86.9	86.9	86.9	87.6	0 0	IM	94.7	97.0	71.03	97.4	97.4	99.2	100.0	100.0	100.0	100.0	100•0	100.0	100.0	318	1000	8	100.0		
		V.S	GE 2		82.1	85.3	86.0	86.5	∿ ∣	86.9	86.9	87.6	010	93.6	7.46	97.0	2/63	97.4	97.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100-0	0.001	100.0	100.0	100.0		
	ISLAŅD	•	5E 2 1/2		82.1	85.3	86.0	86.5	86.9	•	86.9	~ 3	399-4	93.6	1.46	97.0	71.5	97.4	97.4	99.2	99.2 100.0	100.0	100.0	100.0	100.0	8	100.0	0.001	100.0	100.0	100-0		
	. WAKE		GE 3		82.1	85.3	9	9	•	• 9	9	87.6	89.4	m	3	97.0	•{ ~}1	٠,	7.	٥١	99	0	00	6	100.0	0	100		30	Ď	100-0		
	TION NAME		E S		82.1	85.3	110	•	-ગ	9	9	87.6	3 5 8	171	3	97.0	•	-	į	S + 1	6°56	S.	5	S	6°56	10	(O) (> i (5°56	5	6*56		
<u>y</u>	STA		39 2	:	82.1	85.3 5.3	•	9	86.	• 9	91	87.6	•	1:	3	96.9	ازه ازگ		7.	6,	99.1	40	10	0	9.66	0	6.0	•	9.66	ò	9*66	ATIONS	
RVICE/MA	912450		SE 6		82.1	85.3	, ,	6.5	6.9	•	3	87.6	• •	M	•	96.9	•			6	99.1	6	1	6	9.66	0		٠	9.66	•	9.66	+	
HER SE	NUMBER:		10			·	77.	177.	78.	78.	78.	78.9	80.	84.	85.	67	2 1	87	87.	8 8	88.1	88	88	88.	4.83.1 58.4	88	88	• c	88.4	88	4 88 1	<u>آ</u> د	
IR SEAT	TATION	EILING	INFEET		0	E 20000		1	~ ⊔	E 10	ы 6	2 3000	. w	en en	. 	4600	ים	າ ພ	250	200	6E 1800	120	1 3	· •	E 800	· w	500		6E 200		E 0	OTAL NU	
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PERCENI		
BRANCH		AIR WEATHER SERVICE/MAC
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ITAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		GE O	,		7 • 7	1.6	•	2.3	•	•	3.9	3.9	~ 0	2 0	n •	2.2	3.4	7.1	200			7.0	9 • 8	0.0	0•0		• !	9 0	• ;) •	0.0	0.0	0.0	200	.	0.0
	•			ľ	•	80	8	∞ (8	50	8	8	α Φ α	٥	0	0	٥	0		•	6	6	6	2	10	100	7	2:	7 1	בר י	100			7	7	100
9		6E		i	1001		-	82.3	m l	83.4	m	m	84.7		n	2	m	77.6	: ,	•	97.6		98	8	100.0		9	1000.0	• 1	100•0	100	100.0	100.0	1000	100.0	100.0
		6E	01/6		76.1	81.6	81.9	82.3	83.1	83.4	m,	m	64.7	: ,	ň		•	21.5	•	•		•	986	B	100.0	8	100.0	100.0	2001	100.0	100.0	100.0	100.0	100.0	3	100.0
2 2	• • • • •	6E			76.1	81.6	-	82.3		ĸ.	m	M	~ * * * * * * * * * * * * * * * * * * *	•	n	2	m	2.16	: ,	:	-	4.86	98	8	100.0		8	100.0	3		100.0	00	100.0	8	100.0	100.0
2 40	•••••	6E			1.97	-	-	82.3	e) Mil	m	m	m	84.7	rļu	n	2	5	2.16	٠,	•	-		86	ċ	9		8		3	100.0	9	8	100.0		100.0	100.0
202	5	6E		i	1.97	1	-	82.3	m	m	m	*	84.7	١,	'n	2	m	97.2	٠,		7.	98.4	98.6	100.0	00	9		80	• 1	00	00		00		•	100.0
1	TE MILE	9			76.1			82.3	•	•		વં	84.7	•!			•	97.2	•	•			98	90	•	80	8	100.0	5	90	100.0	100.0	100.0	8	100-0	100.0
	N STATU	Ę	1		76.1	-	~	82.3	w.	M	m	3	64.7	* 4	S.	l N	~]	97.2	- 1		~	80	98.6	o۱	0	6	6	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	:	6.66		6	6*66	•	666	6.66
	ILITY I	GE .	,		76-1	-	-	82.3	m	M	*	m	84.7	•	'n	IΝ	~	97.2	-11	~	-	QD	98.6	σ ί	Ġ.	6	6		:	3. 66	0	6	6.66	٠,١	Φ.	6.66
	VISIB	,			76.1	1		82.3	m'	m	1 4	•	84.7	•	85.5	2	m	97.2	:	91.6	1:	€0!	98.6	ای	6.66		0		.	•		·	6.66	•	¢.	6.66
-		39	7/17		76.1	⊶	₩,	82.3	m,	M	l M	m	84.7	3 1	85.5	10	m	97.2	- 11	91.6	1:	8	98.6	6	<u>,</u>	6	•	66.66	إد	•	6	ċ	6.66	ċ	ċ	6.99
1		,	^	1	76-1		-	82.3	M)	m	83.9	83.9	84.7	20.0	85.5	92.2	93.4	97.2	2016	91.6	~	98.4	98.6	6.66	•	6.66	6666	666	· •	6.66	6	6	6.66	ċ	Φ.	6.66
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PERIOD OF RECORD: 77-86

MONTH: MAY HOURS(LST): D900-1100

VISIBILITY IN STATUTE MILES

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•	50 STATION	ON RAME:	WAKE	ISLĀND					PERIOD (Ē.	RECORD: 77-86 17 HOURS (LST)		1500-1700	90
		•			I A	SIBILITY	IN STATUTE	UTE MILE				•		• • • • • • • • • • • • • • • • • • • •
T 1 10 6E] . - -	CE	6E		GE	GE 1 1/2	1 1/4	GE	3,5 2,5	6E 5./A	17.2	6E 5/16	7,4	0 0
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CEIL 74.9 75.0	75.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
01 82.1 82 01 82.2 82	2.2	141	2.2	22	N 0	82.2	82.3		82.2	82.2	82.2	82.2	82.2	82.3
01 82	83.6	0.58	83.0	83.5	83.0	83.0	83.5	83.5	83.5	83.0	83.5	83.5	83.5	83.0
31 83.9 84	-	₹	•	127	.20	84.2	84.2		84.2	84.2	84.5	84.2	84.2	84.2
0001 85	85.9	1 65	S,		85.9	100	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
6.9 B1 7.6 88	~ @	8 8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2001 87.7 88	60	8	80	• !	88.1	∞ :	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
C001 69.1 89	ο .	<u>ب</u>	•	6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	5 * 68	89.5	89.5
50001 54.2 94.8 45001 95.3 95.9	94.8	94.9	6.46	6.46	0°96	6*46	0°96	94.9	94.9 96.0	0°76	0°96	0•96 6•0	6.46	0.96
.86 6.96 Juna	8	a			98.5	98.5	8		98.5	98.5	98.5	98.5	98.5	œ
5001 96.9 98.	œ	æ	8	• •	98.5	98.5	98.5	98.5	98.5	98.5	98.5	8	98.5	98.5
COO! 97.3 98.	a	ů	•	•	•	0.66	0.66		0.66	• •		•	0.66	D.
25(0) 97.4 58.9	0.66	95.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.1	1-66
P001 97.8 99.		Ċ			9.66	6						9.66	90.66	Ö
01 57.9 99.	6	8.56	ò		8.66	O I	6	99.8	99.8	•	•	8 66	•	99.8
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8•0 8•0 9	9.66	6°56	6°66 6°65	6-66	6°66 6°66	6°66 6°66	6.66	100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0
1 98.0 99.	00		6	0 0	6.66	6.66	6.66	100.0	100.0	100 0	0.001	100.0	100.0	0.001
98.0 99.		, O			6.66	10		100.0	100.0	100.0	100.0	100.0	100.0	100.0
CO 98.0 99.	0.0	(O	60		6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66 0.85 10	99.8	6.56	6.66	6.66	• ! •	0	. 0	10000	10000	10000	312	100.0	100.0	100.0
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.66 3.86 IOU		Ç	•	6.66	6.66	6.66	6.66	100.0	100.0	100 • 0	100.001	100.0	100.0	100.0
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MPER OF	TIONS:				:									

CEILING IN FEET	NUMBER:	ER: 912450	STATION	NAME	: WAKE	ISLAND					PERIOD MONTH	P.	RECORD: 77	7-86 S(LST):	1800-2000	00
133					•	•	ISIA	BILITY	IN STAT	UTE MILI	ES		•		• • • • • •	• • • • • •
الم الم	GE	OE.	6E	GE.	GE.	35 .	GE.		95		GE	99 20	6E	GE	9E	99
	0.1		n	7	2	***************************************		7/1		,			2	o •	• •	
NO CEIL !	75.8	76.7	76.7	76.7	76.7	76.7	1.97	76.7	76.7	76.7	76.7	76.7	76.7	7.97	7.97	76.7
ut 200001	83.8	84 • 3	80 40	20 0 27 2 00 0	80 0	80 0	80 0 37 80	8.48	80 o	8 · 3 · 3	3 4	8 . 48	80 48	8.48	8 4 8	84.8
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1000	85.9	86.8	86.8	91	86.8	86.8	86.8	9.	86.08	86.8	86.8	86.8	86.8	86.8	86.8	86.8
E 90001	86.1 86.3	87.1	87.1	~ ~	87.2	87.2	- r	87.2	87.2	87.2	-	87.2	87.2	8	: :	
70001	86.8 88.9	87.7	87.7	87.7	87.7	89.8	89.8	87.7	89.8	87.7	89.8	87.7	89.8	6	89.8	89.8
5000	93.7	95.3	95.3	95.3	1 43	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	150		. ما
45001	7.46	7.96	7.96	4.96	3.95	400	90	90	9 ;0	• (3000	96	7-96	00	10.66
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6E 25001	96.2	99.2	7.66	7-56	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100 0	99.5
1800		100.0	100.0	·UL	100.0	100.0				100.0	80 5	100 - 0	100 0		100.0	00
1002	6.7	100.0	100.0	101	100.0	100.0	38	3 8	9	100.0	1000	100	100.0	100.0	8	100.0
10001 30	-	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 - 0	00	100	100.0	100.0	88	100.0
800.6		900			100.0	100.001	100.0	100.0	100.0	86	10000	100.0	8	000	100.0	
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2000	96.7	100.0	100.0	100.0	10000	100.0	100.0	100.0	100.0	88	88	88	100.0	188	88	100.0
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1001	• •	100.0	100.0	101.0	88		100 0	100-0		90	00		100.0		00	90
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		TATION	7 7	VICEINAL															
CLI CLI	CELL L. L.		er G	124	TATI	NAME	3	ISLA	i			**************************************	PERIOD MONTH	OF REC	ORD: 77 HOURS		2100-23		
	CLI CLI	11.116			•			•	Y IS		51	E H	S:	•	:	•			
Corr 1.1. 6.1.	Carroll Carr	N	6	 `		 	Lu	3:			3	ָ פני	39	96	35	96.73	GE.		
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	14000 87.5 90.4	2000	9	10		,	6	6		6		89.4	89.4	89.4	89.4	89.4	89.4	89.4	
16,000 87.5 90.1	14000 81.5 90.1	1800	•		89.	J.	•	•		89.4	49.68	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
10000 68.5 61.1	1000 88. 91.	1600		06	90.	ن ن		å		90.1	90.1	90.1 90.3	90.1	90 • 1 90 • 3	90.1 90.3	90.3	90°1 90°3	90.1	
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7000 88.4 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91	SCOOL SCALA STATE STAT	100	΄ &	-	1:	-	1:	-	91.1		1-	91.1	91.1	91.1	91.1	1:16	1.16	1.16	
6.001 69.4 92.2 9	A	910	.	: .		ᅻ.	• -	-1	91.1	•	 - }	91.1	91.1	91.1	91.1	91.1	9101	9101	-
\$\(\cap{6.0.0} \) \(\text{i} \) \(\$\(\cap{6.00} \) \$\(6.0	87.0	÷ «		4 -	::	• •	: :	91.2			91.2	91.3	91.3	91.3	91.3	91.3	91.3	
\$\(\cap{2.0} \) \$\(\c	\$\text{\$100} 92.3 95.4 95.4 95.4 95.4 95.4 95.5 95.5 96.5 \text	30.9			9.5	III)	2	10	92.2	•	(C)	92.2	92.2	92.2	92.2	42.2	2.26	2.26	1
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VISIBILITY IN STATUTE MI₁ES

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12CCO 62.0 65.7 65.6 85.6 85.6 85.6 85.6 85.8	5.8 85.8 7.0 87.0 7.1 87.2 7.2 87.2 7.4 87.3 7.6 87.6 9.5 89.5 4.2 94.2 8.2 98.2	5.8 85. 5.8 85. 7.0 87. 7.1 87. 7.6 87. 9.5 89. 4.2 94. 8.2 94.	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 D 7 M 44	8 85 8 85	85 86 86 86 86 86 86 86 86
12CC0 85.0 85.0 85.8 87.2 97.2 98.0 97.2 98.0 97.2 98.0 97.2 98.0 97.2 98.1 97.2 98.1 97.2 98.4 97.2 98.4 97.2	5.8 85.8 7.0 87.0 7.3 87.3 7.5 87.5 7.5 87.6 9.5 89.5 8.2 94.2 8.2 98.2	5.68 87. 7.2 87. 7.5 87. 7.5 87. 9.5 89. 9.5 89. 8.2 994.	8 7 8 8 7 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9	0 0 0 m 44	3 8 3 4 5 5 5 6 8 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 8 8 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
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1500 90.5 98.0 99.0 95.1 99.4 99.4 99.4 99.4 99.4 99.4 99.1 1200 90.5 98.0 99.6 95.1 99.4 99.4 99.4 99.4 99.6 90.5 90.6 90.5 98.1 99.1 99.3 99.6 99.6 99.6 99.6 99.6 99.6 99.6	.7 98.7	.7 98.	00	8.8	8.8 98.	98.
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OBAL C	LIMATOLOGY BRANCH	ACH.	PER	PERCENTAGE	FRE	GUENCY OF	OCCURRE	NCE OF	OCCURRENCE OF CEILING	S VERSUS	S VISIBILITY	TLITY				
HER	SERVÏCE/MĀC	ا				2 2	HOOKL	UB SE KW	10N9							
TATION NUMBER	.R: 912450	STATIC	STATION NAME:	NAKE ISL	ISLAND					PERIOD (OF RECORD: . JUN HO	ORD: 77 HOURS	D: 77-86 HOURS(LST): (0600-0800		
FILIPO		•				VISIE	ISIBILITY	IN STATUT	UTE HILE	\$	• • • • •	• • • • • • • • • • • • • • • • • • • •	•	••••••		
1K 1 6E	CE 6	0E 5	CE 4	3	GE 2 1/2	2 2 2	1 1/2	1 1/4	1	6E 3/4	578 578	5E 1/2	5/16	5E 1/4	n 0E	
						•	•				•			1.		
Nº CEIL 73.	9.47 7.	14.6	74.6	74.6	74.6	74.6	14.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
200001	0 83.2 C 83.2	83.2	83°2 83°2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
1600pl 82	5 83.	Mu	M1 7	m u	M u	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
ut 120001 84.	7 85.	വം	וט ו	ດ່າດ	85.9	85.9	85.9	85.9	85.9	65.9	85.9	85.9	85.9	85.9	85.9	
F 100001 85.	8 86.	86.9	100	101		F6.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	86.9	- Marie
8 10018	5 87.	-	-1	• '}~	• •	· i~	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	1.18	
65 7000 86.	7 89.1	89-1	85.1	89.1	89-1	89.1	89.1	87.7	89.1	89.1	87.7	89.1	89.1	89.1	87.7	
6 1000s	95.	· ion	- 141	· lu		95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
93	2 95.	95.9	96.0	اق	• • 1	96.0	0.96	96.0	0.96	96.0	0.96	96.0	96.0	96.0	96.0	
# 0 1 0 0 3 k	7 97	97.0	ມ ເ	1.86	98.1	1.86	98.1	98.1	7.00	0.80	98.	98.1	9001	1.00	98.1	مسلم
30001	96 6			98.2		98.2	98.2	98.2	98.2	98.2	2.86	98.2	2.86	98.2	98.2	·`
25001 94.		98.1	9 6 . 2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	2.86	98.2	98.2	98.2	98.2	. · ; ;
2000 94	866	.		98.6	6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	. <u></u> .
6 100r	6 99.	• •	6. 5	100.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	<u>.</u>
6 10021	• 66 9	9.66	5.5	100.0	0.00	100.0	100.0	100-0	100.0	100.0	100.0	100.0	1 00 • 0	100.0	0.001	<u> </u>
ut 1007 95.	9.66 9	9.66		100.0	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1008	66 9	•	1	•	00	100.0	100.0	100.0	100.0	100 0	10000	100.0	100.0	100.0	100.0	
	6 99.	• •	5.5	90	: :	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	•66 9		6.5	90	98	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ī
6 1002	6 99.	9.66	1	10000	100.001	100-0	100.0	10001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	66 9	6	6.6	60	100	100.0	00	100.0	100.0	00	100 0	100.0	10000	100.0	100.0	: .
1001	• 66 9	9 • 66	o. 	100.0	100.0	1 00 1	1001	100.0	100.0	0.001	0.001	100.00	100.0	1001	1001	
.26 lu 35	9-66 9	9.66	6.56	100.0	1,00.0	100.0	100.0	100.0	100.0	100-0	100-0	100-0	100.0	100.0	100.0	.
TAL NUM"	OF OBSERVA	ATIONS:	411		, ,		1 !									<u>ئ</u> و `
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	STATION	NUMPER:	912450	STA 110N	ON NAME	E: WAKE	E ISLAND					PERIOD	9	CORD: 7	77-86		
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CCI 16.4 64.5 6	CE 1L 116		14	- 1:	-			7		. "	L.	ES				•	•
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1500 164, 7 164	:							•	:								
1600 164.7 164.9		4.91	76.6	9.9	76	9	76.6	76.6	9	9	76.6	9	76	76.6	. •	76.6	76.6
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10.00 86.4	-	9 7	•	86.3	9,	9 6	86.3	•	اق	9	٥	•	9	•	86.3	9	9
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10 17.4 14.5 14		76	•	.	ມ .	∞ (6.86	98.9	98.9	98.9	98.9	•	•	98.9	98.9		
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	٠.	<u>د</u>	0 0	•	\$	4.66	4.66	h*66	4.66	4 66	4.60	9.66		4.66	4.66	99.4	4.66
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304 97-6 99-5 99-8 95-9 100-0		97.	99		20 0	00	8	88	100.0	100.0	88	100.0	18	18	100.0	100.0	100.0
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	C	97.6	5.66	66	6.56	100.0	100.0	100	100.0	100.0	100.0	100.0	100.0	8	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS	
4	
GLUBAL CLIMATOLOGY BRANCH USAFETAC	AIR MEATHER SERVICE THAC

H H H	• EATHER	SER	VICE/HAC														
STAT	STATION NI	NUMPER:	912450	STATI	STATION NAME:	WAKE	ISLĀND					PERIOD Month:	OF RECORD: : JUN HO	RD: 77-8 HOURS (L	6 ST1:	1200-1400	00
CE IL I	17.6		:					VISIB	LITY I	N STATUT	E MIL				•	:	•
IN			GE	6E 5	CE	3	GE 2 1/2	6E 2	GE 1 1/2	1	SE SE	GE 3/4	6E 5/8	6E 1/2	GE 5/16	6E 174	
:			:	•			•						•	•	•	•	
) 0 V	CE IL 1	78.3	78.4	78.4	76.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
. 4	10000	•	~	-	87.3	1	87.3	87.3	:	~		87.3	87.3	87.3	87.3	87.3	87.3
	100081	96.6	87.3	•	~	-	87.3	87.3	-		•	87.3	•	• 1	87.3	87.3	87.3
	10009	87.1 88.8	87.8		8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		87.8	87.8	87.8	8 7 e 8 6 9 e 6	80.08	8 7 • 8 8 9 • 6	9 6	89.6	87•8 89•6	87.8	3 · / S
4 ~	20001	•	90.5		· 🔾	90.5	90.5	· O		10	1 6	90.8	•	5.06	90.5	1 0	· D
4		h-U6	91.1		1-	91.1	91.1	91.1	- 1 4	91.1		91.1		91.1	91.1	91.1	91.1
	0	90.5	91.2		· 🗝	91.2	91.2	91.2	• • •	91.2	91.2	91.2	•	91.2	91.2	91.2	91.2
u u	80001	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
ր ա Տ	0003	91.9	92.7	92.7	92.7	92.7	20.7	92.7	• •	92.7	10	92.7	• •	92.7	92.7	92.7	92.7
			F	ļ		,									ı	1	
بار م	50001	96.1	97.1	97.1	97.1	97-1	97.1	97.1	97.1	97.1	97.1	97-1	97.1 97.7	97.1	97.1	97.1	97.1
ָרָי בָּי	46001	6.96	. @	. 60	30	98.2	98.2	e i e	98.2	98.2	98.2	98.2	•	98.2	2.86	- 00	- 100
o F	35001	6.96	8	8	•	98.2	98.2	98.2	98.2	98.2	98.2	98.2	•	98.2	98.2	∞ :	98.2
u S	3000	51.5	æ	æ	Ď	œ	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	5.86	98.5	5.86
L.	25001	97.2	00	8	3		98.5	98.5		Ιœ	98.5	98.5		98.5	98.5	100	130
90	2000	97.2		98.7		98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
u S	18001	97.2	œ		æ		98.7	98.7	1.86	00	98.8	98.8		98.8	98.8	80	8
<u>ن</u> و	15001	97.5	99.1	6	99-2	• '	266	99.2	2066	O 11	6	• 1	6	99.3	99.3	99.3	99.3
ليا د	12001	•	ው .	•	,	•	9.66	8.66	8.46	9.66	A • A	^ • ^	٠ ٠	* · · · ·	٧٠,		•
CE	10001	•	99.2	6	5	6	10	8.66	6	1 4	6.66	6.66	6.66	6.66	6.66	6.66	6.66
ω ι ις ;	1006		0 0	•	8°56	. 0	99.8	60.66	99.99	99.9	2001	1000	100	10000	ł	0.001	100-0
u S	1007	97.5	99.2	9.66	8.56	8-66	8.00	6.66	6.66		100.0	100-0	100.0	100.0	0.00	100.0	100.0
, L	6301		•	6	8.56		8.66	6.66	6	6.66	100.0	100.0	100.0	100.0	İ	100.0	100.0
د	2001	57.5	16	6	٠ ۱	6	8.66	6.66	6	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ա (Մ.	1000	5.16		9.66	0.1	99.8	99.8	• !	666	6.6	100.0	100.0	100.0	100 • 0	10000	100.0	100.0
با با ت د	000	67.50		. 0		. 0	00.00		000			100.0					
ب س س	100	97.5		6	• •	6	99.66	6.66	6.66	6	100.0	100.0	100.0	100.0	100.0	00	100.0
C.E.	0	7.5	66	9.66	8.5	66	8.66	66	6	8	0.00	100.0	100.0	100.0	1.	00	0.00
:		•			• • • • • • • • • • • • • • • • • • • •	į											
TOTAL	L NUMBER	RER OF	OBSERVATIONS	TIONS:	852		; ;										
		,															

4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 U 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 90.0 90.1 90.6 90.9 19.1 88.4 88.6 89.4 97.5 97.7 98.2 98.2 98.6 98.7 98.9 99.9 100.0 PERIOD OF RECORD: 77-66 HOMIH: JUN HOURS (LST): 1500-1700 100.0 100.0 100.0 100.0 100.0 98.6 98.7 98.9 99.9 88.6 88.4 89.4 89.4 90.0 97.5 97.7 98.2 98.2 100.0 19.1 98.6 98.7 98.9 99.9 100.0 100.0 100.0 100.0 100.0 79.1 88.7 89.4 89.4 89.4 90.0 90.0 90.6 93.0 97.5 97.7 98.2 98.2 100.0 100.0 79.1 90.0 90.1 90.6 90.9 97.5 97.7 98.2 98.2 98.6 98.7 98.9 99.9 100 - 0 100 - 0 100 - 0 100 - 0 100.0 100.0 100.0 100.0 VISIBILITY 90.0 90.6 90.6 93.0 97.5 98.2 98.6 98.6 98.9 99.9 0.00.00 100.0 19.1 VERSUS 100.0 100.0 100.0 100.0 100 0 8.6.4 8.6.4 8.7.4 8.9.4 90.0 90.1 90.6 90.9 97.5 97.7 98.2 98.2 98.4 98.7 99.9 99.9 79.1 OCCURRENCE OF CEILING HOURLY OBSERVATIONS 100.0 100.0 100.0 100.0 98.6 100.0 100.0 100.0 100.0 19.1 90.0 90.6 90.6 93.0 94.5 99.9 100.0 19.1 100.0 100.0 90°.0 90°.0 93°.0 97.5 98.6 98.7 98.9 100.0 100.0 1000.0 100.00 9.86 79.1 90.0 90.6 98.6 98.7 98.9 99.9 0.00 97.5 97.7 98.2 98.2 100.0 FREQUENCY OF FROM 100.0 100.0 100.0 100.0 100.00 79.1 90.0 90.1 90.9 93.0 97.5 97.7 98.2 98.6 98.6 100.00 100.0 WAKE ISLAND 79.1 90.0 90.1 90.6 93.0 8 0 0 0 0 8 0 0 0 0 2 9 P 2 8 97.5 97.7 98.2 98.2 98.6 98.6 7.88.7 99.7 6.66 PERCENTAGE 79.1 6.66 98.6 98.7 99.7 6.66 6.66 6.66 6.66 8 8 8 8 8 8 8 8 8 8 97.5 97.7 98.2 98.6 6.66 8 NAME: 1 77.1 15.1 300000 3 - 5 B 97.5 97.7 98.2 98.2 9.56 9.56 9.56 2 STATION 99.66 OPSERVATIONS: 89.4. 89.8 98.6 99.5 9.66 9.66 90.0 90.6 97.5 98.2 98.5 99.6 99.6 99.6 9.66 79.1 9.66 s 9.66 S 86 SLOBAL CLIMATOLOGY BRANCH USAFETAC MEATHER SERVICE / MAC 912450 89.48 90.0 90.1 90.6 90.9 97.5 97.7 98.2 98.5 98.55 98.65 99.45 50.45 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 5-66 9 19.1 88.4 88.6 88.7 GE 9F NUMBER: 39 79.1 88.1 88.5 69.1 89.5 89.8 69.9 90.4 90.6 96.8 97.0 97.3 97.6 97.6 97.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 5885 RUMPLR 0 200001 180001 160001 2500 | 2000 | 1000 | 1500 | 1200 | 145001 10006 31.00 \$ 000 4 500 4 500 3500 (3000 (700 900, 300 200 300 0019 CE IL ING CE 3L STATION TOTAL Ĩ A 1.6 0 22222 57595 20022 10000 ų J

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		IN WEALTH NEW SERVICE	ME A I HI N SERVICE/NAC		,	!											
	STATION	ON NUMBER:	3: 912450	STATION	NAME	: WAKE	ISLAND				ļ	8 =	OF REC	ORD: 77-8 HOURS (L	ST1:	1800-2000	
	CEILI	, c			•••••			VISIB	• >	IN STATUTE	HIL	\$:	:		• • • • • • •	•
•	IN FER T	- e		6F 5	ن د 4	GE 3	GE 2 1/2	6E 2	1 1/2	GE 1 1/4	6E 1	6£ 3/4	9/5 2/4	6E 1/2	6E 5/16	6E 174	6E 0
				:	•		•										• • • • • • • • • • • • • • • • • • • •
	NO CEIL	1 75.	7 76.0	76.0	76.0	76.0	76.0	76.0	76.0	16.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
	ις 201 υξ 181	200001 87.1	7 87.9	87.9	87.9	88.3	97.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.3	81.9	87.9
	٠. نانا	88	88	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# J	88	20 C	7.00	3.88	1.00	88.4	88.4	4.00	88.4	4.88	88 a 4	37 00 00
		90.	9 0	2.06) 'J	90.2		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	2006	2.06
	101 30	00001 90.2	2 90.5	90.5	2.76	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
		200		9.06	<u>ں ر</u>	90.6		9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9006
	3,			9.00	٠,٠	90.6	90.6	90-6	90.6	90.6	90.6	9006	90.6	9006	90.6	9006	90.6
	٥	- -		91.1	91.1	91.1	91.1	91.7	91.1	91.7	7.16	7101	77.6	71.0	1.16	1.1.6	1.16
	3 3 3 3 3	5001 96-3	5 97-3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4 97.8	97.4	97.4 97.8	97.4
	#		98	- 00	, IS	98.7	98.7	7.86	1.86	98.7	1.86	98.7	1.86	1.86	98.7	98.7	96.7
	7 7 7 8	35001 97.3	S 80 0	800	8 8 9 6	80.00	80.00	8-86		2000	80.86	000	90 00	9000	98.8	98.8	9.86
i				•	١.												•
	CE 22	97.	2 98°8 4 99°0	99.0	0°66	99.0	99.0	99.0	99.0	99.0	99.0 99.3	99.0	99.0	99.0	99.0	99.0	99.0
	~ .	97.	66	9.66	9.56	9.66	9.66	9.66	9-66	9.66	90.66	9*66	9.66	9.66	9066	9.66	9.66
		2001 97.1	7 99.5	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	U U	97.7 900 97.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		F001 97.7	6 8	100.0	100.00	100.0	100.0	0.001	100.0	100.0	100-0	100.0	100 • 0	100.0	1	100.0	100.0
	. u	. 7.6	6	100.0	10.001	100.0	9	100-0	100.0	100.0	100.0	100.0	100 • 0	100.0	1	100-0	100-0
į		5001 57.7 4001 97.7	99.5	100.0	100.0	100.0	100-0	100.0	100-0	100.0	100.0	100.0	100 0	100.0	0.001	100.0	100.0 100.0
	سا بر د د:	97.	66	100.0	100.001	100.0	100.0		100.0	100.0	100-0	100.0	0.001	100.0	100.0	100.0	100.0
				100.0	30	100.0	• •	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
:	of C	7.79 10	5.66 7	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTAL	NUMPLR	OF OBSERV	OBSERVATIONS:			1										

TATICN NUMERR: 91245G STATION NAME: WAKE ISLAND LILING LIL N							
LET		PERIOD	OF RE	CORD: 77-86 HOURS (LST):	1	2100-2300	
CEIL 67.1 64	IBILITY IN STATE	UTE MILE			•		
CEIL E7.1 E4.1 B4	9E	99	9	w	GE	w	6E
CEIL 67.1 64.1 84.1 <th< td=""><td>1 1/2 1 1/4</td><td>1 3/</td><td>8/8</td><td>1/2</td><td>5/16</td><td>*/1</td><td></td></th<>	1 1/2 1 1/4	1 3/	8/8	1/2	5/16	*/1	
CEIL 87.1 84.1						- 1	- 1
20000 87.4 89.3 89.4 91.3 <t< td=""><td>84.1 84.1</td><td>84.1 84</td><td>.1 84.1</td><td>84.1</td><td>84.1</td><td>84.1</td><td>84.1</td></t<>	84.1 84.1	84.1 84	.1 84.1	84.1	84.1	84.1	84.1
16 16 17 18 18 18 18 18 18 18	9.3 89	2	6	89.3	89.3	10	89.3
16 16 16 16 16 16 16 16	9.4 69	9.4 8		•	6	89.4	0
12C00 89.3 91.3 91.5	9.4	•		•	٠	# P 0 0	* CO G
10000 89.8 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.9	91.3 91.3	91.3 91	91	91.3	91.3	91.3	91.3
10000 89.8 91.9 <t< td=""><td></td><td>,</td><td></td><td></td><td>7</td><td>-</td><td></td></t<>		,			7	-	
8700 89.9 91.9 <th< td=""><td>91.9 91.9</td><td>91.9</td><td>.9 91.9</td><td>91.9</td><td>91.9</td><td>91.9</td><td>91.9</td></th<>	91.9 91.9	91.9	.9 91.9	91.9	91.9	91.9	91.9
77000 69.9 91.9 <t< td=""><td>16 6.1</td><td>.9 91</td><td>9.1</td><td>91.9</td><td>616</td><td>-</td><td>6116</td></t<>	16 6.1	.9 91	9.1	91.9	616	-	6116
6f00 90.6 93.0 93.0 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 94.2 94.3 <th< td=""><td>91</td><td>.9 91</td><td></td><td>91.9</td><td>-</td><td>91.9</td><td>~</td></th<>	91	.9 91		91.9	-	91.9	~
5000 94.7 97.8 97.6 97.9 97.9 97.9 4500 95.4 98.2 98.2 98.2 98.2 98.3 99.3 99.3 99	93.1 93.1	93.1 93	-1 93.1	93.1	93.1	93.1	93.1
4500 95.4 98.5 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.9 <th< td=""><td>76 6.</td><td>6.</td><td>16</td><td></td><td></td><td></td><td>61.6</td></th<>	76 6.	6.	16				61.6
4F001 95.4 98.5 98.5 98.7 99.5 <t< td=""><td>.3 98</td><td>3</td><td>3</td><td>98.3</td><td>98.3</td><td></td><td>98.3</td></t<>	.3 98	3	3	98.3	98.3		98.3
2500 95.6 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98	7.0	6 6	~ 1	7.96	98.7	7.86	98.7
2500 95.6 98.8 98.8 98.8 98.9 98.9 98.9 98.9 98	86 1.8	70	2		å,	اه	ەإە
2500 95.6 98.8 98.8 98.8 98.9 98.9 96.9 98.9 98	98.9 98.9	98.9	98.9	•	78.9	200	A
1500 96.0 99.4 99.4 99.5 99.5 99.5 99.5 1500 96.0 99.6 99.9 99.9 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.6 99.9 95.9 100.0 100.0 100.0 100.0 100.0 96.2 99.6 99.9 95.9 100.0 100.0 100.0 96.2 99.6 99.9 95.9 100.0 100.0 100.0 96.2 99.6 99.9 95.9 100.0 100.0 100.0 100.0 96.2 99.6 99.9 95.9 100.0 100.0 100.0 100.0 96.2 99.6 99.9 95.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 96.2 99.6 99.9 99.9 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 90.0 99.9 99.9 100.0 100.0 100.0 100.0 90.0	98.	96 6.96			98.9	98.9	98.9
1500 96.0 99.4 99.4 99.5 99.5 99.5 99.5 1500 1500 100.0	5 99.	S		99.5	99.5	99.5	99.5
1200 96.2 99.6 99.9 95.9 100.0 1	•	66	.n c	'n.c	30.00	99.5	99.5
	0.00	100.0 100	0	0.00	8	9	100.0
1000 96.2 99.6 99.9 95.9 100.0 1					,		
800 96.2 99.6 99.9 100.0 100	0.001 0.001	100.001	0.001	0001	100.0	100.0	100.0
700 96.2 99.6 99.9 100.0		001	1001	00.00	0.00	100.0	
500 96.2 99.6 99.9 95.9 100.0 100.0 100.0 500 96.2 99.6 99.9 95.9 100.0 100.0 100.0 400 96.2 99.6 99.9 95.9 100.0 100.0 100.0 300 96.2 99.6 99.9 95.9 100.0 100.0 100.0 200 96.2 99.6 99.9 99.9 100.0 100.0 100.0	00.0	00.0 100	100	100.0	100.0	100.0	100.0
500 96.2 99.6 99.9 95.9 100.0 100.0 100.0 100.0 300 96.2 99.6 99.9 95.9 100.0 100.0 100.0 200 96.2 99.6 99.9 95.9 100.0 100.0 100.0 200 56.2 99.6 99.9 99.9 100.0 100.0 100.0	0.00	0 100	0 100.0	0	8	100.0	8
200 96.2 99.6 99.9 95.9 100.0 100.0 100.0 100.0 200.0 200 96.2 99.6 99.9 95.9 100.0 100.0 100.0 200 96.2 99.6 99.9 95.9 100.0 100.0 100.0 200 96.2 99.6 99.9 99.9 100.0 100.0 100.0 100.0							5
3001 96.2 99.6 99.9 95.9 100.0 100.0 100.0 2001 96.2 99.6 99.9 99.9 100.0 100.0 100.0	מינות מינותים	,		0.001	700	38	0-001
2001 96.2 99.6 99.9 99.9 100.0 100.0 100	00.00	00.0 100	001 0	0.00	100.0		00
		001 00	8	0	100.0	00	100.0
1601 56.2 99.6 99.9 95.9 160.6 166.0 166	100.0 100.0	100	100	0	100-0	90	
0.0 100.0 160.0	100.0 100.0	100.0 100	0.	0.0	100.0	8	00
			• • • • • • • • • • • • • • • • • • • •				

ATION NUMBER: 912450 STATION LLING EET GE GE GE CLIL 77.9 79.6 79.6 18000 85.6 86.8 14000 85.9 87.2 86.9 14000 85.9 87.2 87.2 15000 85.9 88.2 12000 85.9 88.2 12000 85.9 88.2 12000 85.9 88.2	6.9 86.0										
ATION NUMBER: 912450 STA LLING LET GE GE GE ELT 10 6 CLIL 77.9 79.6 79. 20000 85.6 86.8 86. 18000 85.9 86.2 86. 16000 85.9 86.2 86. 16000 85.9 86.2 88. 12000 86.8 88.2 88.	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
LING GE GE GE CE CLIL 77.9 79.0 79.0 20000 85.6 86.8 86.8 14000 85.9 87.2 88.2 88.2 12000 85.9 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89	6E 4 7 5 0 7	ISLAND				PERIOD O Month:	OF RECORD: JUN HOL	RD: 77-66 HOURS (LST	st):	ALL	
LET 1 06 66 55 CLIL 177.9 79.6 79.0 20000 85.6 86.8 86.8 18000 85.9 87.2 86.9 16000 85.9 87.2 87.2 12000 86.8 88.2 88.2 12000 87.6 88.2 88.2	6E 6E 3 79.0 75.0 79.0 87.0 87.0	•	VISIBILITY	21	STATUTE MILE		••••			•	
CLIL 77.9 79.6 79.0 20000 85.6 86.8 86.8 86.9 18000 85.7 86.9 86.9 12000 85.9 87.2 87.2 12000 87.6 89.0 89.0 89.0 10000 88.4 89.7 89.7	0.67 0.27 0.68 6.38	6E 2 1/2	6E 6	-	6E 1	3/4 3/4	6E 5/8	6E 1/2	6E 5/16	6E 1/4	GE O
20000 85.6 86.8 86.9 86.1 16000 85.9 87.2 87.1 14000 85.9 87.2 87.1 14000 85.9 87.2 87.1 12000 87.6 89.0 89.0 89.0	98 6.0 78 0.7			•			•				
20000 85.6 86.8 86 18000 85.7 86.9 86 16000 85.9 87.2 87 14000 66.8 88.2 88 12000 87.6 89.0 89	6.9 86.	79.0	97 D.97	0.67 0.6	79.0	79.0	79.0	79.0	19.0	7 0.67	9.0
16000 85.9 87.2 87 14000 66.8 88.2 88 12000 87.6 89.0 89	•			96	86	86.9	86.9	86.9			6.0
12C00 67.6 89.0 89.1 10000	87.2 87.2 88.2 88.2	87.2	7.2	87.2 87.2	87.2	88.2	87.2	87.2 88.2	87.2 8 88.2 8	87.2 B	87.2 88.2
100001 88-4 89-7 89-	5.d 89.			68	6	89.0	89.0	89.0			9.
9000 68.5 89.9 89.	89.8 89.8	89.6	8 9 9 8 89	9.8 89.8 9.9 89.9	89.8	89.8	89.8	89.8	89.8 89.98	89.8 89.9	89.8 89.9
1001 88.8 90.2 90	0.5 90.		2-0	7.4	90.2	90.2	90.2	90.2			200
60001 90.1 91.7 91.	1.6 91.		.	-	91.8	91.8	91.8	8-16			n 30
50001 94.2 96.5	.79 %	96.7	96.7 96	6.7 96.7 7.5 97.5	7-96	96.7	7-96	96.7	96.7 9	00	6.7
0001 95.5 98.3 98.	80 C	9.96	9	.6 98.	86	9.86	9.86	9.86		0.4	98.6
3000 55.6 98.8 10002	7 98	98.8	•			80	98.8	8.89		8	80
25001 95.6 98.4 98. 20001 95.8 98.7 98.	8.7 98. 9.0 99.		98.8 98	8.8 98.8 9.1 99.1		98.8	98.8				98.8
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3 99.7	56 3	0 0	0.00	100.0 100.0		l	100.001	1	Γ-		100.0 100.0
6001 96.0 99.3 99.7	66 8.5		0		100.0	100.0	100.0		00.00	0	0.00
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MRER OF OBSERVATIONS:	6749							•			•

EILING IN FEET	NUMBLR:	912450	STATE	ATION NAME	: WAKE	ISLAND					PERIO	4				
EILING In Fect		,	•								MONT	٤,	IL HOUR	S(LST);	0000-050	00
FEET	1	1		١,			VIS		IN STAT	TUTE HILE					•••••	•
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65 20000	~o~	0 · 10	÷ 4	3	84.48	9.50	84.4			200		- 1	١		١,	- 1.
7	E 0.	**************************************	•	0 a	9.48	•	84.6	•	ا م	•	84.6		•		•	84.6
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01 J	1 84.	89.2	16	ļυ	١	ı	•	- 1	- i			1		•	•	
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55 600	65.1	90.3	7.06	. ب	90.8	8.06	90.8	9006	90.8		1.00	90.2	2000	2000		90.2
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61 3	88.4	95.2	, n	71) 71	95.6	95.6	95.6	8	8	15	1 5	1			١,	- 1
00 400	68	96.5	96.8	6.96	96.9	96.9	9.56	95.6	95.6	ŝ.	95.6	95.8	95.8	95.8	'n'n	9 00
א ני	ָבָּ מָלֵי	6.96	P. 1	~ ··	97.4	97.4	97.4	; ~	; .	97.4	0 1		<u>.</u> ,	•	7.	97.1
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or 2001	9.0%	97.6	96.6	8.36	98.8	98.8	98.8		98.8	98.8	7 9 9 6 6 9 9 9 6	98.9	98.0	98.0	98.3	5.86
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1008 30	2005	98.2	99.3	9.56	99.5	99.5	99.5	99.5	99.5	99.9	0		100	100-0	0	100.0
	7.09	•	6	3	6	6		. 6	: ;			3 8	88	88	00.00	0
•	5	• .	•	6.56	•	99.5	6	6	0		6.6	38	38	100.0	00.00	100.0
E 0-1		98.2	9.3	0	99.5	89.5	99.5	99.5	99.5	6.99	0 00	0	000	, 60		
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TOTAL NUME	FLR OF 0	BSERVATI	:SNOI	848		ļ							į			
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KE ISLAND VISIBILITY VISIBIL	A STATUTE MI 1 1/4 1	PERIOD 18 MONTH 18 MO		عا ماهمه عاداناها	0300-0500 GE 1/4 0 76.0 76.0 76.0 76.0 85.9 85.9 86.8 86.8 86.8 86.8 89.0 89.0 90.7 90.7 91.5 91.5 91.5 91.5 91.5 91.5	
ATION NUMBER: 912450 STATION NAME: WAKE ISLAND LLING LET 16	18 STATUTE 1 1/4 1 1/4 1 1/4 1 1/4 1 1/4 1 1/4 8 5.9 8 8 6.8 8 8 6.8 8 8 9.0 8 9 1.5 9 9 1	## 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ECORD: 77 HOURSC B 1/2 B 1/2 B 1/2 B 85.9 B 86.8 B 86.8 B 90.7 B 91.5 B 91.5 B 91.5 B 95.4	65.9 85.9 86.8 86.8 86.8 86.8 90.7 90.7 91.5	00-0500 66 66 85 9 85 96 85 90 90 90 91 5 91 5 91 5 91 5 91 5 91 5	
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2500 89.7 97.4 97.6 97.6 97.8 97.8 97.8 97.8 2500 89.7 97.6 97.9 97.9 98.1 98.1 98.1 2000 90.3 98.7 99.0 99.0 99.0 99.1 99.1 1800 90.6 90.0 99.3 99.4 99.4 99.4 99.4	7.8 97.		96		96	•
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8001 93.6 99.6 99.9 100.0 100.0 100.0 100.0	0000	00.0 100	100	7	Γ.	0
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0.001 0.001 0.001 0.001 9.99 9.99 3.99	000	00	0 100.0	1 0.00	0.00	0
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2001 90.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 200.0 2001 90.6 99.6 99.9 100.0 100.0 100.0 100.0	100-0 100-0	3 8		0.00	001	3 0
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STATION NUMBER:	UMBERS	912450	STATION	N NAME:	MAKE	ISLAND					PERIOD MONTH	9. 3.	ECORD: 77 HOURS	-86 (LST):	0600-0800	00
CEILIE	•					•	VISIB	VISIBILITY I	IN STATUT	HIL	ES		:			• • • • • •
27	e.	GE	GE	Ç.	GE	20	9	95 6E	GE	6 E	GE.	GE	9	GE	י	GE.
FEET	10	9	5	7	M	2 1/2	2	1 1/2	1 1/4	~	3/4		2	5/16	1/4	
	•												- 1			
NO CEIL	71.3	71.6	71.6	71.6	71.6	71.6	71.6	11.6	11.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 200001	9.00	81.6		81.6	-	1:	81.6	-:	:	81.6	-	81.6		81.6		•
_	61.1	82.1	2	82.1	2	•	82.1	2		82.1	N	82.1	• 1	N	•	•
	3. 6. 6. 6.	•	82.5	20 00 10 10 10 11 10 11	82.5	82.5	85.5	82.5		85.5	85.5	85.5	0 5 ° 0	85.5	85.5	8 6 6 0
ue 12000 l	85.0	9.99	9	8.08	9		יוו			86.8	9 (4	86.8		0	9	• •
10	• 00	90.3	4.06	4.06		10	10	6	10	10	90.0		90.4	90.4	6	90.4
6	ထ	6.06	91.0	7	91.0			•	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
80	89.8		91.9	91.9		(•	6116	.	91.9	91.9	•	91.9	6.16	. ,	91.9
<u>و</u> (90°4	92.4	92.5	9.2.5	•	92.5	۸,	92.5	N	NI.	6.24	•	25.5	25.5	1	92.5
10019 39	61.0	•	M	~)	•	'n	93.3	•	95.5	95.5		•	•	43.5	î	1
νΕ S0001	93.5	96.1	96.3	96.3		96.3	96.3		٠ ي ا	96.3	٠ ۵٠		٤,	96.3	ı۰,	96.3
2004	ů,	400	24.0	95.5	9000	907.5		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
ut 3500	. 2	97.3	61.6	6.16			97.9		•	97.9	_			97.9	-	6.16
UE 3000	0.46	97.3	97.9	61.6	97.9	91.9	97.9	6.16	6.16	97.9	6.16	61.6	97.9	97.9	91.9	6.16
06 25001	94.1	4.16	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	100		98.0	98.0	100	0.36
CV ·	J	97.8	•	98.4	3.86	8	eo i e	60 (98.5	98.5	200	98.5	98.5	98.5	98.5
		20.00	# 0 0 0	છ (•	# G	P 0	* 0	000	000	000	000	000	000	000	000
JE 12001	95.5	6.86	9.66	9-56	8.66		8 66	8 66	99.8			6.66	6.66	6.66	0	6.66
_	L)		9.66	9.66	8.66	8.66	8.66	8.66	8.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	S	٥.	9.66	9.56	99.8	99.8	6	• 1	6	100.0	밁	100.0	8	8	100.0	100.0
SE EUD	50.00	6.9	9.66	9.56	99.8	99.8	0 0	0 0	6	100.0	100-0	2001	0001	100.0	100	000
	n ı	> (9.66	9.20	80.00	•	,	8.60		100.0	3 8	2001	3 ic			
	n	* x	9.66		8.00	8.00	•		». •	1001	•	•	5	3	0.004	0.001
CE 5001	(C)	98.9	9.66	9.56	99.8	8-66	8.66	6	8.66	100.0	100.0	100 • 0	100.0	100.0	ÖÖ	100.0
	ົ	•	966	9.56	99.8	• '	99.8	اچ	•	100.0	밁	8	ġ	8	3	1000-0
SE 3001	95.00	6.86	9*66	9.56	8 0	0,0 0,0	80.00		•	0.001	> c	0.001	ם פים פים	100.0	מיים כי	100
CE 100	95.5	8	9.66	. 0	9.66	8.66	8.66		8.66	100.0	18	90		100.0	00	100.0
ָרָי אַ ער	0	. 0	9.00	4.00	8.00	8.00	8.00	8-00	8.00	0.001	100.0	100.0	100.0	0.001	100.0	100.0
כ		0	•											1		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC *****

						1			1		202	יייי	- 1	HOURS ILS 112	0011-0040	
ING		•					VISIB	VISIBILITY	IN S	UTE MILE	5	•		•	• • • • • • • • • • • • • • • •	
21	35.	. GE	99	, (E	65	6E	GE	65	•	, 6E	97. 27.	6E	SE.	65	9 ¢	ם פני
	:		n'			vi :	7	1:			:					
0 CEIL	1 74.2	74.7	14.7	74.7	74.7	74.7	7.47	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
£ 200001	83.2	, W	3.7	8 3 .7	_ M	83.7	m	[M	83.7	1	رسا	83.7	83.7	83.7	83.7	83.7
	83.6	84.0	0	84.0	84.0	84.0	84.0	•	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
LE 16000	3.9	;	# . #	7.78	3	84.4	2 to 20		•	***	84.4	7. 7.	4.4	9.40	9.4.0	4.40
_	86.6		7.4	87.4	•	87.	87.4	-	-	87.4	87.4	87.4	87.4	87.4	87.4	87.4
~	88.7	ċ	5.8	8.5	•	89.5	89.5	89.5	89.5	89.5	89.5	5.68	89.5	89.5	89.5	89.5
10000	010	1	2.0	∿	1		IN	IN			92.0	92.0	92.0	92.0	92.0	92.0
•	91.3	92.5	92.5	92.5	95.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	55.5
5	-	. ~	2.8	14	2	92.8	iN	N		í s	92.8	92.8	95.8	92.8	92.8	95.8
700	2.0	3.3	3.3	r)	'n	93.3	m	m		93.3	93.3	93.3	93.3	93.3	93.3	93.3
009	2.	*	2	3	*	2.46	2-4	94.2	2.46	2.46	94.2	94.2	94.2	94.2	2.46	94.2
E Soun	55			97.2		97.2	~	97.2	97.2	97.2	97.2	97.2	i •	97.2	97.2	97.2
4 500		97.2	70	97.5	97.0		١,	97.0			07.0	0/6	200	97.6	- 1-	٤٤
9.5	,			08.1				08.		0801	080	•		98	98.1	98.1
· ~	2	, α	3	1 4	•	2 30	200	2.80	1 1	0.00 5.00	98.5	5.00	5.80	98.5	(c)	98.5
•	. !	• !		•	•	.			. 1		,					•
7	96.3	8	9.	30		1.36	28.7	1.86		98.7		7.86	98.7	98.7	98.1	98.7
Ο,	6.96	99.2	£. 66	h - 5 6	99.4	4.66	99.4	99.4	4-66	4.66	99.4	99.4	99.5	99.5	99.5	•
יים זאנננו	1 - 1 - 1	•	n (,	•	7.66	7.66	1-66	•	3.66	7901		9 6 6 6	0.00		6 4 4 6
-	7.16	•	×	•		7.6	79.9	77.7		•	99.9	79.9	7001	3	0.001	0.001
-	47.2	ċ	ω,	O.	•	666	•	99.9	666	99.9	6.66	6.66	100.0	300	100.0	100.0
-	97.2	<u>,</u>	30	5	6	6.66	6.66	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0
	1.	ò	8.6	5	Ġ.	6.66	6666	• I		6.66	99.9	99.9	100.0	100.0	100.0	100.0
CE 800		99.7	8.6	6.56	6.66	6.66	6.66	6.66	6	6-66	6.66	٠	100.0	100-0	100-0	1001
	•	•	20	,		A • A	77.7	۱ ح		۸۸۰	> 1	6.66	1001	1000	1000	2001
	-	•	ω 0	,	•	6.66	6.66	6.66	666	6.66	6.46	•	100.0	100.	0.001	7.001
	٧٦.	10	9.6	2		6.66	6.66	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0
400	97.		9.8	D	•	60.66		6.66	•	60.66	68.66	6.66	100.0	100.0	100.0	100.0
6F 30nl	97.2	٠	9.6	6.56	6.66	6.66	6.66	6.66	6	6.66	6	6.66	0.001	100.0	100.0	100.0
	7	6	9.6	Ŷ.	ċ	6.66	•	6.66	•	6.66	0	•	100.0	100.0	100.0	100.0
		•	ವ	~	6	6.66	-	1 6	6.66	6.66	6.66	•	100.0	100.0	100.0	100.0
10 30	97.2	1.66	8.	6.66	•	6.66	6.66	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0

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100.00 84 - 2 85 - 2 85 - 9 100.0 71.2 92.7 93.1 93.2 93.3 98.1 98.3 99.2 99.2 99.3 100.0 100.0 HOURS (LST): 1200-1400 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 84 - 2 85 - 2 85 - 9 100.0 71.2 89.3 92.7 93.1 93.2 93.3 98.1 98.3 99.2 99.2 99.2 99.3 100.0 100.0 100.00 6E 5/16 71.2 100.0 84.2 85.2 85.9 89.3 92.7 93.1 93.2 93.3 98.3 99.2 99.2 99.2 99.9 100.0 100.0 100.0 100.0 90.7 PERIOD OF RECORD: 77-86 MONTH: JUL HOURS (LS 100.0 6E 1/2 71.2 84.2 85.2 85.9 89.3 92.7 93.1 93.2 93.3 99.3 100.0 100.0 100.0 7.06 98.3 98.3 99.2 99.2 PERCENTAGE FRELUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY PERCENTIONS 100.00 100 · 0 100 · 0 100 · 0 100 · 0 6E 5/8 71.2 84.2 85.2 85.9 90.3 92.7 93.1 93.2 93.3 99.3 99.9 100.0 100-0 98.3 99.2 99.2 100.0 71.2 85.2 85.9 89.3 92.7 93.1 93.2 93.3 99.3 100.0 100.0 100.00 3/4 98.1 99.2 99.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 71.2 84.2 85.2 85.9 92.7 93.1 93.2 93.3 99.3 100-0 98-1 99-2 99-2 100.0 90.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 71.2 84.2 65.2 85.9 89.3 93.2 98.1 98.3 99.2 99.2 99.9 100.0 100.0 1/4 90.7 92.7 93.1 2.66 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 71.2 92.7 93.1 93.2 93.3 99.3 100.0 85.2 85.9 89.3 90.7 98.3 99.2 99.2 1 1/2 100 0 100 0 100 0 100 0 71.2 84.2 85.2 85.9 89.3 93.2 98.3 99.2 99.2 99.2 99.3 100.0 10000 100.0 N 92.7 MAKE ISLAND 6.66 99.9 6-56 84 - 2 85 - 2 85 - 9 90 - 3 92.7 93.1 93.2 93.3 99.3 99.9 6.66 1/2 71.2 986.1 996.2 996.2 N ••••••••••••• 6.66 711.2 85.2 85.9 85.9 89.3 92.7 93.1 93.2 93.3 98.1 98.3 99.2 99.2 6.99 99.99 6.66 6.66 6.66 99.9 STATION NAME: 881 711.2 85.3 92.7 93.1 93.2 93.3 98.3 99.2 99.2 99.2 6.56 6.56 8.56 6.56 6°56 6°56 5.56 5.56 6.56 6.56 5-56 3 6.56 1 OBSERVATIONS: 84.2 92.7 98.6 98.2 99.1 4-66 71.2 99.2 4.66 4.66 4.66 4.000 4.66 S 4.66 99.4 99.4 99.1 . 0E GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC STATION NUMBER: 912450 99.2 84.2 85.2 85.9 89.3 92.6 93.0 93.1 93.2 97.7 98.0 98.9 98.9 99.0 99.2 9 71.2 7.66 99.2 2.66 99.2 99.2 99.2 99.2 99.2 CE NUMPER OF 88.8 10 63.9 54.9 55.6 92.2 92.3 92.4 93.3 96.7 96.7 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 91.9 SE, = 120001 90009 5000 H 200001 180001 160001 500 40₀ 8500 J 3500] 2c00 | 1 800 | 1500 007 200 95.00 0004 3000 006 800 14600 CEILING CE IL TOTAL FEE 1 با د د 2 2 2 3 3 3 E C 2 ° C س ب ن د 555 ويا 222 S S S S S 3000 0000 0000 22220

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No. No.																
	TAT I CN	** œ	—	A AME	ι.	SLAN					PERIOD HONTH	43	SRO: 77 HOURS		1500-17	00
Col. Col.	EILING	•	•				: >	•	•			•				•
Cut			·u	L.	ių.	39 >	66	9	9/1	. CE	37.4	6E 5/8	6E 1/2	5/16 5/16	174 174	w
Carroll Carr					,										:	• • • • • • • • • • • • • • • • • • • •
16000 83.6 83.6 83.6 83.6 83.6 83.8 83.8 83.3	0 CEIL 66	.9 67	÷	7.0	67.			-			-	-	67.0	67.0	67.0	67.0
	E 200001 62	.5 82	2:	(4)	82.8	2.	82.8	82.8	2.	82.8	N .		82.8	82.8	82.8	82.8
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	t 160001 83	2 83.	å M	1 1 14	83.6	3	83.6	83.6	3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
1,	E 140001 8	8 87.		,	87.2		87.2	87.2		87.2	87.2	17.2	87.2	87.2	87.2	87.2
CLOR 191. 292.6 92.1	E 12001 8	3 86.	8	, JD	88.8	20	88.88	88.8	60	88.8	88.8	68	88.8	88 • 8	88.8	88.8
SCOON STATE STAT	r surcest 91	1 92.	2	ોજ	92.1	2	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
Chicol 91.77 92.77 92.74 92.	16 10006 3	7 92.	2	(4)	92.7	2	92.7	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
Secondary Seco	: eran 91	7 92.	2 5	14 7	95.8	2 6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
\$\(\text{COL} \\ \frac{96.5}{96.5} \\ \frac{97.7}{97.5} \\ \fr	26 0009 3	5 93.5	93.	(m)	93.6	m	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4100 97.5 98.7 97.9 97.9 97.9 97.9 97.9 97.9 97.9	5 10003	7 07.		~	07 7	97.4	7-10		07.7	67.7	67.7	- 10	97.7	67.7	97.7	97.7
4 (TOC) 97.2 98.6 98.6 98.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	6 100'5	.5 97.	: :	• 1-	97.9	97.9	97.9	97.	97.9	97.9	97.9	97.9	97.9	97.9		9.79
3100 97.4 99.0 99.3 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5	40001 97	.2 98.	8	-0 (1.66	99.1	99.1	1-66	99.1	99.1	99.1	99.1	1.66	1.66	1.66	1.66
25CL 97.4 99.4 99.4 99.4 99.5 99.5 99.5 99.5 99	10035	. 98.	•	~	***		20.00	300	3000	3000		***	77.	47.00	9000	77.4
25001 97.5 99.1 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5	\$ 10005	·	•	ふ	99.5	۷۷۰۰	\$9.5		٠,٧٧	٠٠,	44.5		6.64	6.44	644	644
1500 97.5 99.1 99.4 99.4 99.6	6 US2	4 99.		S	99.5	~ ~ ~	99.5	99.5	8.00	5.66	99.5	99.5	99.00	99.6	99.66	90.66
1500 97.5 99.3 99.6 99.8 100.0 1	10041	2 66		·	9.65		9.66	9.66	9.66	90.66	9.66	9.66	9.66	9.66	9.66	9.66
1200 97.5 99.3 99.6 99.4 100.0 1	1500	5 99.	6	S		00	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10.00 97.5 99.3 99.6 99.6 100.0 100.	1200	5 99.	•	3	•	00	100-0	100.0	100-0	100.0	100.0	9	100.0	100-0	100.0	100.0
FOO 97.5 99.3 99.6 99.8 100-0	10001	5 99	00	50	100-0	-	200	88	100-0	100-0	100.0	100.0	100.0	100-0	100-0	100 • 0 100 • 0
700 97.5 99.3 99.6 95.8 100.0	F00 1	5 99.		, Ch	100.0		8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 97.5 99.3 99.6 99.6 100.0	6 1001	2 99		S	100-0	00	100-0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 97.5 99.3 99.6 95.6 100.0	003	*	•	•	1001	3	3	7.00	9	0-001	0.001	3	170	2001	2001	•
300 97.5 99.3 99.6 95.8 100.0	5001	66	•	(A)	8	000	88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2001 97.5 99.3 99.6 95.8 100.0	3001	66			8	g	8	100-0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
100 97.5 99.3 99.6 99.8 100.0 100.	200	66	6	ъ.	8	•	8	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
E 01 97.5 99.3 99.6 99.8 100.0	1001	• 66	•	ъ	100.0	•	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
OTAL NUMBLR OF OBSERVATIONS: RID	E 0197	.5 99.3	9.66	8.66	100.0	100	0	100.0	100.	0-0	100.0	100-0	100-0	100.0	100.0	100.0
NUMBER OF DESERVATIONS: PI			: ,		1	1										
		5	n	2	:											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

I GE			1	-											
0 C			•	•		•	VISIBILITY	IN STATUTE	UTE MILES	ES	•	•	•	:	•
1 1 1	9	6E	C.F.	99	GE	GE	GE	9E	39		39	GE	9	GE	u O
	9	S.	3	~	2 1/2	2	1 1/2	1 1/4	-	3/4	5/8	1/2	5/16	1/4	٥
	• • • • • • • • • • • • • • • • • • • •	•	•	•											•
NO CETT 1 65.5	9.99	66.5	9.39	5.99	66.5	66.5	9-99	66.5	5 - 99	9-99	5.99	5.99	66.5	9.99	66.5
. 44 1 40	7 18			- 1 -	-	Alak	1.	-	81.3	-	-			-	1-
18500 80.7	81.6	81.6	9.18	81.6	91.6	91.6	91.6	81.6	81.6	81.6	81.6		•	81.6	-
60Gpl 81.	82.2	2.	14	N		62.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	2
9 1000+	86.1	86.1	86.1	86.1	86.1	1.99	86.1	9	86.1	86.1	86.1	•	86.1	•	
86.	88.3	8	20		M • 80	7 • 9 • 9	68.3	68.3	2 . 50	88.5	66.5	88.3	200	7 • 80 80	9
000	-		1.	-	91.3		-	-	91	91.3	91.3	91.3	91.3	91.3	91.3
9000 B9.	-	-	-	-	91.7	91.7	91.7	-	2	M	91.7	91.7		91.7	91.7
C001 89.	~	2.	92.1	2	92.1	92.1	92.1	1-26	92	2	92.1	92.1	•	92.1	2
1000	95.6	•	N.	~	95.6	95.6	N	95.6	•	2	95.6	95.6	95.6	92.5	92.6
01 91.1	~	M	m	M	M	93.4	,	93.4	93.4	93.4	93.4	93.4	93.4	4. W G	93.4
ron1 93.	3	5	5	6	96.1			10	96.1	96.1	96.1	96.1	96.1	96.1	1.96
:001 84.	97.1	•	97.1		97.3	97.3	97.3	97.3	97.3	97.3	97.3	•	97.3	97.3	97.3
0001 95	8	8	98.5	8	98.6	98.6	98.6	98.6	98.6		98.6	93.6	98.6	98.6	100
01 95.	8	98.2		•	98.6	9.86	98.6	98.6	• i	•	9.86	41	•	98.6	•
rual 95.			96.5	9.86	98.6	9.86	98.6	98.6	98.6	98.6	98.6	98.6	986	98.6	98.6
funt ss.	6	8	98.5		1 2	986	98.6	10	98.6	9.86	98.6		986	98.6	98.6
95.	8		0.56		2 66	•	0	99.4	99.4	99.4	•	4-66	•	4.66	4.66
=	98.8	98.6	7.56	0	2.66	₹.66	٠	Φ.	4-66	8-66		** 66	4.66	4.66	# 0 6 6
5001 55.	ċ	•	7.00	•	9.66	6	60.66	8	6	₽.	66	666	S	4.46	
01 YS.	0.66	2.66	5.56	•	8.66	100.0	100.0	100.0	100.0	100*0	100	100.0	100-0	100.0	100.0
<u>~</u>	0.66		3	0.	90.66	8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.	0.66	ċ	Ġ	•	8.66	100.0	100-0	100.0	100.0	100.0	8	100.0	8	100.0	100.0
£00 95.4	0.66	ø	6.56	•	99.8	100.0	8	100.0	8	100-0	100.0	100.0	٠	100.0	100.0
95.	0.60	99.2	Š	•	90.6	100-0	100.0	100.0	8	8	100.0	100.0	100-0	100.0	100.0
95.	0.66	6	÷	•		100.0	100.0	100-0	100.0	130*0.	100.0	100.0	8	100.0	100.0
- 2	5	6		9.66		8	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ŝ	0.66	0	95.5	0	88.66	100.0	100.0	100.0	100.0	100.0	100.0	8	100.0	100.0	100.0
95.	٠	•	3.30	99.8	99.8	•	8	100.0	100-0	100-0	8	100-0	9	100.0	0.001
700 95•4	ŋ•66	٠	•	90.00	90.66	100-0		100.0	100.0	100.0	100.0	100 0	100-0	100.0	יחחו
45.	•	•	•	99.6	9.0	•	100-0	100-0	100.0	100-0	0.001	100.0	1001	0 · 00 ·	100.0
#*56 JO	0.66	99.2	95.5	9.66	8.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

VISIBILITY IN STATUTE MILES 100.0 99.9 99.9 100.0 100.0 86.1 86.1 86.3 92.6 92.8 93.5 93.7 96.7 00000 78.2 89.1 98.7 8.86 9.66 HOURS (LST): 2100-2300 78.2 86.3 92.6 92.8 93.5 99.9 99.9 105.0 100.0 100.0 100.0 100.0 100.0 100.0 ************************* 96.1 97.9 98-0 98.8 86.1 86.1 5/16 78.2 99.9 99.9 100.0 100.0 92.6 92.8 93.5 93.7 96.7 97.2 97.8 97.9 98.0 98.8 99.4 100.0 100.0 100.0 86.1 86.1 89.1 100.0 PERTOD OF RECORD: 77-85 5E 1/2 89.1 90.8 0.00 100.0 100.0 100.0 100.0 78.2 97.9 98.0 98.8 99.4 1.98 92.6 92.8 93.5 93.7 96.7 97.2 97.8 100.0 PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS 98.0 6.66 5/8 78.2 92.6 92.8 93.5 93.7 96.7 97.2 97.8 97.9 1.98 1.98 1.98 1.06 98.6 99999 99.99 6.66 HONTH: JUL 78.2 3/4 86.1 86.3 89.1 92.6 93.5 93.7 96.7 97.2 97.9 98.0 99.8 4.66 99.99 60.66 99.9 99.9 99.9 39 78.2 86.1 86.1 86.3 90.1 92.6 92.8 93.5 96.7 97.2 97.9 98.0 4.66 6.66 6.66 99.9 99.9 6.66 6.66 9.66 6.66 6-66 1 86.1 86.3 89.1 92.6 92.8 93.5 93.7 96.7 97.2 97.8 97.9 98.0 6.66 9.66 99.9 99.9 99.9 78.2 6.66 6.66 6.66 6.66 6.66 SE 1/2 86.1 86.3 89.1 92.6 92.6 93.5 93.7 78.2 96.7 97.2 97.8 97.9 96.8 98.0 99.4 99.9 6.66 99.9 99.9 99.9 6.66 99.9 78.2 86.1 86.1 86.3 89.1 92.6 92.8 93.5 93.7 96.7 97.2 97.8 97.9 98.0 9.84 99.4 6.66 99.9 99.9 99.9 99.9 6.66 **9** STATION NAME: MAKE ISLAND 78.2 86.1 86.3 90.1 92.6 92.6 93.5 93.7 96.7 97.8 97.9 98.0 99.9 99.99 99.9 99.99 6.66 ~ 78.2 93.5 86.1 86.3 89.1 92.6 96.7 97.2 97.8 97.9 98.0 98.0 9.86 9.66 99.9 6.66 6.66 6.66 86.1 6.66 GF P 4 7 74.2 # 86.1 8.76 91.8 93.5 96.7 97.8 97.8 97.9 96.0 96.6 96.7 99.3 5.26 4.00 \$ 5 6 6 \$ 5 6 6 \$ 5 6 6 \$ 5 6 6 86.1 9.56 ų Č OBSERVATIONS: ر. 78.2 86.3 9006 8.26 93.5 93.7 96.6 97.6 97.8 97.9 98.6 98.9 89.1 4.66 999. 40000 90.4 3 4.66 ود CLIMATCAGGY BRANCH AIR MEATHER SERVICE/MAC TATION NUMBER: 912450 78.2 96.6 9 86.1 89.1 92.6 92.8 93.5 93.7 97.6 97.8 97.9 97.9 98.5 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 86.1 6.86 SF NUMPLR OF 30 83.8 £4.1 66.4 76.5 83.8 9.69 69.8 50.3 89.3 92.7 92.9 92.9 93.0 93.0 93.2 93.2 53.3 93.3 93.3 93.3 93°3 93°3 93.3 GLOBAL CL USAFETAC 25001 1000 1000 1000 _ 16000 00 16 81.00 7000 61.00 0037 35.00 1500 1007 \$00 | \$00 | 300 | 200 | 100 | 18000 12500 4500 1500 CE IL CEILIFG FEET OTAL 02 3 2 2 2 3 5 C C 6 C 22200 2 2 3 3 3 3 4

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ر پایدارد او دور معارف سرور

SIA	TATION NUMBER		912450	STATION	ON PAME:	. KAKE	ICLAND					PERIOD		RECORD: 77-	-86		
)				4 :	: .	i						ONTH	링	LRS		ALL	
CEN	31.186	:		:	•			VISIB	VISIBILITY 1	IN STATUTE	HIL		:	• 1		:	
11		SE	GE	95	30	GE	S	99	3	-	39	9		99	39	9E	ee ee
FLE 1	-:	10	3		3		2 1/2	2	1 1/2	1 1/4		3/2	8/8	2/1	5/16	**	
02	CEIL 1	71.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	12.6	12.6	12.6	12.6	72.6	72.6	72.6
		. 0	.4	- ! :	- 1	- } ₩	81.7	43.7	87.7	4.4.7	R.T. 7	83.7	83.7	83.7	83.7	83.7	83.7
, L		2 . C 2 . C	3 0	84.	7 60	84.1	86.1		84.1				84.1	84.1	84.1	84.1	84.1
		82.9	84.5	3.4.5	84.5	*	84.5	84.5	84.5	84.5	84.5	64.5	5.48	84.5	84.5	84.5	84.5
# # # # # #	40001	85.4 86.7	88.6	8 8 · 9	8 6 9 8 8 9 9 8 9 9 9 9 9 9 9 9 9 9 9 9	88.9	88.9	88.9	88.9	69.0	88.9	88.9	19.0	87.5	89.0	89.0	89.0
40	0000	88.8	91.3		91.4	91.4	91.4	91.4	91.4	91.6	91.4	9104	91.5	91.5	91.5	91.5	91.5
	95001	2 6 6	91.7	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	• }	91.9	91.9	91.9
<u>د</u> ا	 .	89.5	92+2	•	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92°4	92.4	92.4	92.4
ω .	 -	න ද ද	925	95.6	95.6	95.6	•ì	•	95.6	95.6	95.6	95.6	95.6	9526	95.6	9576	92.3
<u>د</u>	† 100 10	* • 0 >	****	•	? • ''	42.4	45.5	1.00	43.5	٩	13.5		7	7.	•	7	3
ب ب د د	10015	43.2	96.4	96.6	96.6	96-7	96.7	96.7	96.7	96.7	96-7	96-7	7.96	96.7	96.7	96.7	0°26
, u	200	0.36	9.16	97.9	100	98.0	98.0	0-86	0.36	98.0	0.86	98.0	0.86	98.0	98.0	98.0	98.0
ب ب د د	·	94.1	97.8	98.1	2 9 X	286-2	98.2	98.2	98.2	98.2	98.2	98.4	98.2	98.4	98.4	98.2	98.2
i		!		. 1													
س س د د	25.60	94.3	98.2	986	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98-6	98.6	98.6	98.6	98.6	98.6
o U	_	9 75	7.86	99.0	95.2	2.66	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
ы . Э.	15001	94.8	0.00	7.56	95.6	7.66	99.7	89.8	010	₽	98.6	8.66	99.8	60.66	99.9	99.9	99.9
u J	12001	8 • 11 6	466	G • 6 6	1.66	9-00	9 6 6	66	66	9-66	66	6 6 6 6	•	44.4	***	ו ×	**
CE	1000 (3.46	, O		1.56	8.66	8066	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ب د د	006	8 • 4 5	9	50 C	2.56	99.66	90.66	6.66	6.66	6.66	0.001	0.001		2 8	1000	2001	0.001
یا در د د	002	* * * * * * * * * * * * * * * * * * *	4.00	4.00	~ 0	# 6 0 6 0 6 0		•	44.4	00.00	100-001		1001			100	
يد <u>د</u> ق	009	8 • 7 6	99.1	99.5	•	9.66	8-66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	1000	100.0
		10	- 00		10	9 00	9 00	0	0 00	0.00	0.001	001	0.000	0.001	100.0	0.001	100.0
ب ب و د	2007	8 . 4 .	00	5.66	, 0	8.66	8.66	6.66	99.9	6.66	100.0	0.001	100.0	100	100.0	100.0	100.0
J.	-	94.8			Ç	10	966	6666	6.66	6.66	8	100.0	100.0	100.0	100.0	100.0	100.0
ب در	1002		99.1	9.00	2.56	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		80.00	6.66	99.9	100.0	100-0	100	1000	100.0	100.0	100.0
<u>۔</u> د	1001	•			,	•	0	•	•	•	•	200	-	0	9	0.00	•
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STALLON NUMBER:)				1		
	•						27.77		TW CYATUTE		MONTA	: AUG		HOURS (LST):	0000-0500	0000-0200	:
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FEET		9	, (*	m	2 1/2	2	1 1/2		_ = 8		5/8	~	ا م	1		
	•]
NO CEIL !	03°0	65.4	62.9	0-99	0.99	99	0.99	9.99	0.99	1 - 99	1.99	7.00	1.99	7.00	1.00	1.00	
10000	•	72.6	M		73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	13.3	13.3	
18000	69.2	72.8	73.2	~ }	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	13.4	73.4	73.4	73.4	
165001	å,	7.°0	•	3	74.5	74.5	74.5	74.5	74.5	74.6	9.42	74.6	74.6	9.5	7	3 .	
GE 12000	73.8	78.2	78.6	75.7	78.7	78.7	78.7	78.7	1.8.	78.8	78.8		18.8	8 8	- 00	78.8	
100001	15	-	-	-	81.8	81.8	81.8	81.6	-	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
10006	\$	•	82.2	~	82.3	82.3	82.3	82-3	82.3	82.4	82.4	82.4	82-4	82.4	82.4	82.4	
8 0001	16.6	83.5	84.1	84.2	84.2	84.2		84.2	84.2	84.3	84.3		84.3	84.3	84.3	84.3	
10002	ģ	•	84.7	7	9.4.6	84.8	84.8	84.8	84.8	:	84.9	84.9	84.9	84.9	84.9	84.9	
10079	ف	•	3	₹	6.4.9	64.9	84.9	84.9	6.48	85.0	85.0	85.0	85•0	85.0	85.0	85.0	
2000	-	89.5		9.0.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	.0.3	90.3	90.3	90.3	
1004	:,	o .	.	۰ س	• i	9000	90.06	90.0	90.6	700	9006	• 1	900.1	7006	90.0	700.0	-
10004	82.4	21.0	92.5	4.04	92.8	72.0	9.2.8 9.2.8	92.8	47.0	92.9	92.0	92.0	92.0	92.0	92.0	0 0 0 0	
CE 31.001	2.	95.6	M	171		93.9	93.9	93.9	93.9	0.46			0.46	1	94.0	0.46	
10032	,		100	0 20	04.1	1 700	1 7 70	04.1	94.1	94 2	04.2	04.2	04.2	94.2	04.2	94.2	1
000	83.3	93.4	2.46	0.56	95.5	95.5	95.5	95.5	95.5	95.6	9.56	92.6	95.6		92.6	92.6	
10001	3		3	95.0	95.5	95.5	95.5	95.5	S	95.6	9.56	95.6	95.6	95.6	95.6	95.6	
1500 [83 . 8		•	96.5	~	97.2	97.2	97.2	-	•	9.16	91.6	91.6		91.6	91.6	
12001	ň	•	~	97.6		98.3	98.3	98.3	98.3	1.86	98.7		98.7	98.7	98.7	98.7	
100	83.8	95.1	97.3	6.79	98.9	98.9	9.66	9.66	0	6.66	6.66	6.66	6.66	6.66	6.66	68.66	l
1006	÷	S	•	6.16	98.9	98.9	9.66	90.66	90.66	6*66	60.66	66.66	• 1	6.66	99.9	6.66	-
- CO2+	m h	٠ د	٠	: .		86	9.66	• •	•	60.0	66	•	6.66	6.66	666	0.0	
TE 6001	8 3 6 6	95.1	97.3	97.9	686	98.9	9.66	9.66	9.66	99.9		6.66		6.66		6.66	
1001	180	Š	١.	97.9	80	98.9	9.66	9.66	9.66	6.66	6.66	6 66	6.66	99.9	6	6.66	
4001	83.8	S	97.3	97.9			9.66	9.66	0	66.66	6666		66.66	66.66	666	6066	
300	83.8	95.1	٠		8	98.9	9.66	9.66	•	•	ě.	6	6.66	6.66	0 0	6.66 6.66	
2001	~ 1	ŝ	٠	o,	æ	6.86	9.66	0	0	•		•	66.66	666	6.66	6.66	١
1001	m	ŝ	•		œ	∞ −	9.66	9.66	9.66	6.66	6.66	99.9	66	666	6.66	6. 6.	
ν.Ε	83.8	95.1	97.3	07.0	0,80	98.9	1.00	99.7	2.00	100.0	100.0	100.0	land	100.0	100.0	100.0	

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENC USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

•••••• 100.0 100.0 100.0 100.0 82.2 82.5 84.7 91.2 91.2 93.4 94.3 98.6 0.001 100.0 74.5 76.1 85.1 9.46 9.46 100.0 70.3 75.7 HOURS (LST): 0300-0500 100.0 70-3 82.5 82.5 84.7 85.1 86.2 100.0 74.5 75.7 76.1 77.6 91.2 91.2 93.2 93.4 94.6 96.4 96.4 98.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 GE 5/16 70.3 74.5 74.6 75.1 76.1 82.2 82.5 84.7 85.1 91.2 91.2 93.2 93.4 94.6 96.4 96.4 98.6 100.0 PERIOD OF RECORD: 77-86 MONTH: AUG HOURSILS 100.0 100.0 70.3 74.5 75.7 76.1 77.6 82.5 82.5 86.2 91.2 93.2 93.4 94.3 94.6 96.4 96.4 98.6 100.0 100.0 100.0 100.0 70.3 82.2 82.5 84.7 85.1 86.2 100.0 0.001 0.001 6E 5/8 74.5 75.7 76.1 77.6 91.2 9.96.96.96.96.9 100.0 70-3. 100.0 0.0001 100.0 374 74.5 100.0 82.2 82.5 84.7 85.1 86.2 93.2 9.46 75.7 76.1 77.6 98.6 100.0 74.5 82.2 82.5 84.7 85.1 91.2 100.0 100.0 1000-0 100.0 100.0 70.3 75.7 76.1 77.6 86.2 9.96 9.96 98-6 100.0 100.0 0.0000 100-0 100-0 100-0 100-0 74.5 74.6 75.7 76.1 94.6 96.4 96.4 98.6 82.2 62.5 84.7 85.1 91.2 91.2 93.2 94.3 10001 70.3 86.2 100.0 100.0 100.0 100.0 70.3 100.0 74.5 75.7 76.1 77.6 82.2 82.5 84.7 85.1 91.2 94.6 9.96 100.0 100.0 100.0 70.3 91.2 10001 1000 74.5 75.7 76.1 82.5 84.7 84.7 85.1 94.6 96.4 96.4 99.4 0.00 100.0 STATION NAME: WAKE ISLAND 84.7 91.2 91.2 93.2 94.3 70.3 74.5 75.7 76.1 77.6 94.6 96.4 98.6 98.6 2-66 85.1 99.2 99.2 99.2 2.66 70.3 74.5 75.7 76.1 77.6 82.5 82.5 84.7 85.1 93.2 4.96 99.2 99.2 99.2 99.2 9.4.6 98.6 99.2 99.2 99.2 2.66 760 76.3 74.5 77.0 94.6 96.2 98.8 OBSERVATIONS: 98.2 74.3 75.5 75.9 75.9 82.0 90.9 84.5 84.5 85.7 92.9 94°3 95.9 97.8 98.0 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 70.1 98.2 STATION NUMBER: 912450 7.96 84.9 84.3 85.4 70.0 74.1 90.3 93.4 94.5 96.5 96.3 81-4 92.1 92.4 93.2 96.7 96.7 96.7 1.96 TOTAL HUMBER OF 63.7 75.0 75.0 76.3 76.4 70.8 70.9 71.8 72.1 72.8 61.4 81.4 62.2 82.2 82.4 82.5 63.3 83.3 83.7 E3.7 83.7 83.7 83.7 83.7 83.7 83.7 66.8 -0 200001 180001 160001 140001 1006 1 JCGG | 8 7 CGG | 7 CGG | 6 CGG | 1 35001 2 1 0 0 1 2 1 0 0 0 1 1 5 0 0 1 1 2 0 0 0 2001 2001 1001 5000 4500 4500 2001 1003 003 CE IL CE IL Irio FEET 2 0 3000 22222 20222 GE CE 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5

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STAT	ATION NUMBER:	R: 912450	-	STATION	NAME:	KAKE	ISLAND					PERIOD O		F RECORD: 77-86 AUG HOURS (LST):		0080-0090	00
CELLING	186	:	:					VISIB	VISIBILITY	IN STATUTE	HILE	S					
Z	- CE	ی :	 	SE.	CE	GE	GE	QE C	1	35	OE.	39	9	GE	eE.	99	3 6 E
FELT		0	و	S	3	m	2 1/2	2	1 1/2	1 1/4	-	3/4	5/8	1/2	5/16	1/4	٥
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NO	CEIL 61.	.9 63	٠.	63.1	6 4 .2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
~	69 0000	17 7.		11.8	⊢	71.9	71.9	71.9	11.9	71.9	71.9	71.9	11.9	71.9	71.9	-	71.9
~	0003	.2 72		72.2	141	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
-	6			73.1	7.5.7	73.2	73.2	73.2	73.2	73.2	75.2	75.0	75.0	75.0	75.0	75.0	75.0
 	20001 73			0.4	1	77.1	77.1	17.1	77.1	11.1	77.1	17.1	17.1	11.1	77.1	17.1	1:21
-	00001 77	4 81	0	- 1 -	→	1 .	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	_	3	ļ	2	(1)	2	82.6	82.6	82.6	82.6	95.6	12.6	82.6	82.6 .	82.6	82.6	82.6
uj i		83.4		9° × 9	0 °	0.40	3 · 5 · 5	0.48	0.	***	2	0.40		0 0	0.40	90	9 4 9
با ہے . د	ပ (1	Λ,	n.	١,	200	85.5	600.5	200	60.0	63.5	63.5	85.5	626.2	95.7	n lu
بي د	6::001 81.			Δ :	8 to -5	•	20.1	• 0	• • • •	90	1 • 00	1.00	00	• 60		• 00	90
ب د	۰	3 90	8		~	92.0	92.0	D . N.	92.0	92.0	92.0	9240	92.0	92.0	92.0	200	35.0
<u>ن</u> ر	2001	76		٠,	92.5	92.7	92.7	92.7	92.1	1.26	1.24	1.26	1.26	1.76	1.26	1.76	1.76
یا ہے ک		7 M	٠ د د	V V		96.0	7 40	94.6	9.00	94.6	94.6	94.6	9.46	9, 46	94.6	94.6	9.46
ا د د	3001 86.	8	7			95.6	95.6	10	95.7	95.7	1.56	1.56	1.56	95.7	95.7	95.7	95.1
u S	2500 86.	76 6	~	95.2	95.5		95.7		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
S.	9 1000	ħ5 6	3 1	SO I	8.56		4.96	1.96	96.7	1.96	96.7	7-96	1.96	96.7	96.7	96.7	96.7
ىيا بىيا ك خ	1001	900	ı, ı	7.96	9.20	96.5	96.5	9.96	96.8	96.8	96.8	96.8	96.8	90-9	97.7	97.7	9000
: u	12001 67	2 6 6 7		97.0			96.2	98.5	5.86	iao	98.5	98,5	98.5	98.5	98.5	98.5	98.5
S.	10001 67.	3		1 .	30	98.9	6.86	\$. 66	4.66	4.66	99.5	99.5	5.66	9.66	9.66	9.66	9.66
بات د د		4 96.1		3.7.5) () () () ()	0.80	6.96	• I (4.00		99.00	99.50	99.00	9000	99.00	99.66	99.8
1 E	700 87		•		φ	98.9	98.9	99.4	4.66	99.4	96.6	9.66	9.66	99.8	8 66	8.66	99.8
6 E	-	96	-	۲.	J)	98.0	98.9	0	4.66	4.66	8.66	8.66	9.66	6.66	6.66	6.66	6.66
<u></u>	5001 87.	1 96 4		97.5	96.0	98.9	6.96	99.5	99.5	99.5	6.66	99.9	6.66	100.0	100.0	100.0	100.0
یا ر ک د	ນ : 	.		•	200	•. •	0.90	• 1	• !	900.5	0.00	00.00	0000	2000	100.0	100.0	100.0
ب د و	2001 87.	96	-		၁ေသ	• •	98.9	99.5	99.5	99.5	6.66	99.9	6.66	100	0.001	100.0	100.0
. U		96		97.5	, 3 0	6.86	6-86	99.5			6.66	6.66	6.66	100.0	100.0	100.0	100.0
	73 10	70	-	2 40	30	0	90	9 00	00	9	0 00	0	0.00	100.00	100.0	10000	100.0

98.7 000.0 72.8 85.1 87.4 88.2 92.2 93.3 95.4 95.4 96.8 100.00 0.001 60.2 39 0900-1100 92.2 93.3 95.3 100.0 100.0 100.0 100.0 100.0 60.2 72.8 85.1 85.8 87.4 88.2 100.0 3/4 1/4 96.8 97.5 97.7 98.7 96.8 100.0 100.0 PERIOD OF RECORD: 77-86 MONTH: AUG HOURS(LST): 60.2 92.2 93.3 95.3 95.4 1000.0 6E 5/16 72.8 73.4 74.6 77.5 100.0 85.1 87.4 88.2 88.2 96.8 97.7 98.7 100.0 100.0 100.0 100.0 100 - 0 100 - 0 100 - 0 100 - 0 74.6 85.1 85.8 87 - 4 88 - 2 88 - 9 6E 1/2 60.2 72.8 92.2 93.3 95.3 95.4 96.8 97.5 97.7 98.7 100.0 OCCURRENCE OF CEILING VERSUS VISIBILITY HOURLY OBSERVATIONS 92.2 93.3 95.3 95.4 9066 72.8 73.4 74.6 77.5 85.8 87.4 88.2 96.8 97.5 97.7 98.7 99.6 99.6 99.6 99.6 99.66 99.66 99.66 6E S/8 60.2 37 3/4 60.2 72.8 73.4 74.6 77.5 85.1 85.8 87.4 88.2 92.2 93.3 95.4 95.4 96-8 97-5 97-7 98-7 99.66 99.66 99.69 9-66 9-66 9-66 9.66 | STATUTE MILES
| GE | GE | 1/4 | 1 9.66 60.2 72.8 73.4 74.6 77.5 85.1 87.4 88.2 88.9 92.2 93.3 95.3 95.4 96.8 97.5 97.7 98.7 90.66 99.66 99.66 99.66 99.66 72.8 73.4 74.6 77.5 85.8 87.4 88.2 88.2 92.2 93.3 95.3 95.4 96.8 97.5 97.7 98.7 9.66 60.2 9.66 99.66 99.6 99.6 VISIBILITY IN ••••• 60.2 72.8 74.6 74.6 77.5 85.1 88.9 92.2 93.3 95.3 95.4 96.8 97.5 97.7 98.7 9.66 99.6 99.6 99.6 9.66 9.66 1.66 1 1/2 9.66 9 PERCENTAGE FREGUENCY OF FROM 60.2 9.66 72.8 73.4 74.6 77.5 85.1 85.8 96.8 97.5 97.7 98.7 9*66 9.66 87.4 88.9 92.2 93.3 95.4 95.4 99.6 99.6 99.6 99.6 وي ISLAND • • • • • • • • • • • 60.2 72.8 73.4 74.6 77.5 80.4 85.1 87.6 87.4 88.2 92.2 93.3 95.3 95.4 96.7 97.5 98.5 98.8 2000 A m m m m m 66 1/2 ę VAKE 60.2 72.8 73.4 74.6 77.5 80.4 85.8 87.4 88.2 88.2 93.3 93.3 95.4 96.7 97.5 98.5 98.8 99.3 99.3 99.3 99°3 99.3 99.3 9 STATION NAME: 85.4 2.39 7 7 3 4 7 7 7 4 6 6 7 7 7 4 6 6 7 7 7 7 8 6 6 4 8 6 6 4 9 9 8 6 9 9 8 6 9 9 8 6 9696 85.1 85.0 96.6 97.3 97.4 98.1 9.26 9.26 9.26 3 ن ت OBSERVATIONS: 72.8 73.4 74.6 77.5 2.09 92.2 93.2 95.0 95.1 96.3 96.6 97.9 97.9 97.9 96-7 97-4 97-7 6.16 97.6 6°16 SF ı USAFETAC TATION NUMBER: 912450 ATR SEATHER SERVICE /MAI 72.8 73.4 74.6 77.5 85.1 85.7 87.0 87.8 91.8 94°3 94°4 95°4 96.8 60.2 95.4 95.9 96.8 96.8 96.8 96.8 96.6 96.8 96.8 96.8 G 1.96 |w TOTAL NUMBER OF , 10 10 89.9 89.9 71.9 76.0 82.2 82.8 88.1 88.8 89.3 89.3 89.5 89.6 69.9 89.9 89.9 80.9 89.9 6.58 6.69 _ 200001 180001 160001 140001 10006 80001 70001 10034 0031 \$60 \$00 \$00 \$00 100 4000 3000 3000 2500 2500 1800 1500 200 700 630 CE IL FEET O Z 30220 3 2 2 2 3 10000 10000 10000 545500 32333 'n

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY CLUBAL CLIMATOLOGY BRANCH USAFLIAC ATD JE ATUFU SEDVICE MAC

CL GE 6 6 6 1 57.0 57.8 5 1 71.4 73.0 7 72.2 7 7 72.3 74.0 7 7 75.0 7 79.1 7 7 79.0 7 7 79.0 7 7 79.0 7 7 79.0 7 7 79.0 7 7 7 79.0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8 51 8 0 74 0 0 74 0 1 79 1 5 86 2 2 86 2 2 86 2 2 86 2 3 86 3 5 86 3	57.8 773.0 774.0 774.0 774.0 774.0 774.0 886.2 886.2 886.2	6E 2 1/2 57.8 5	1518	ILITY IN				֡		*	20.1-02-	2
1 CL GE GE G G G G G G G G G G G G G G G G	2 7 7 2 2 4 4 10 7 4 4 10 7 4 4 10 7 4 4 10 7 4 4 10 7 4 4 10 7 4 4 10 7 4 10 7 4 10 7 4 10 7 4 10 7 4 10 7 4 10 7 4 10 7 4 10 7 4 10 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		6£ 1/2 57.8			SIMINIC	HILE			• • • • • • • • • • • •	•	•	• • • • • • • • • • • • • • • • • • • •
11 57.0 57.8 57 000 70.6 72.2 73 000 71.4 73.0 73 000 72.3 74.0 74 000 77.0 79.1 79 000 82.8 86.1 86 000 63.7 87.1 87	2 7 7 2 2 3 8 5 7 8 5 7 8 5 7 8 5 7 8 5 7 8 5 7 8 5 7 8 5 7 8 7 8		57.8	6E 2	1/2 1	GE 1/4	5E 1	GE 3∕4	97 6 57 8	6E 1/2	6E 5/16	5E 1/4	: ::
0 70.6 72.2 72 0 71.4 73.0 73 0 72.3 74.0 74 0 77.0 81.5 81 6 86.1 86	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	57.8 772.2 774.0 74.0 79.1 81.5 86.2 88.1	30										•
0000 70.6 72.2 72 6000 71.4 73.0 73 6000 72.3 74.0 74 4000 77.0 79.1 79 2000 82.8 86.1 86 9000 83.7 87.1 87	5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	772.2 73.0 74.0 79.1 81.5 86.2 88.1		57.8	57.8 5	1.8	57.8	57.6	57.8	57.8	57.8	57.8	57.8
6000 71.4 73.0 73 6000 72.3 74.0 74 4000 77.0 79.1 79 2000 79.0 81.5 81 9000 82.8 86.1 86	21015	73.0 74.0 79.1 81.5 86.2 88.1 88.1	_		2.2		12.2	2.2		2:2	75.27	75.21	75.21
6 0 0 0 1 1 2 3 1 4 0 1 1 4 0 1 1 4 0 1 1 1 1 1 1 1 1 1	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	74.0 79.1 81.5 87.2 88.1 88.1	73.0					3.0			73.0	73.0	73.0
4000 77.0 79.1 79 2000 79.0 81.5 81 0000 82.8 86.1 86	5 9 9 9 1 5 9 5 9 5 9 5 9 5 9 5 9 5 9 5	81.5 87.2 87.2 88.1 88.1	a			4.0				74.0	0.47	0.41	0.47
2000 79.0 81.5 81 0000 82.8 86.1 86 9000 83.7 87.1 87	2 2 3 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	81.5 86.2 87.2 88.1		79-1	-	9.1				79.1	79.1	79.1	79.1
62.8 86.1 86 63.7 87.1 87	2 36 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	86.2 87.2 88.1	ın.		81.5	81.5 81	81.5	81.5	5-18		83.55 83.55	8 T # 2	81.5
E3.7 87.1 87	2 83 1 8 8 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6	87.2 88.1		86.2		86.2 8	86.2 8	86.2	2.98	86.2	86.2	86.2	86.2
	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	689.1	7.		87.2			-			87.2	87.2	87.2
000 64.5 87.9 88	5 8 5	688	-				88.1.6	68-1 8	-	88.1	88.1	88	1 - 9 0
FOOT 84.9 88.5 88	٠. م			6.						1	88.9	88.9	88.8
88 T 88 C 88 I		64.0	'n	5.49	Q	G (* 6)					0 4 0	0 4 6	
0001 87.5 91.2 91	36 8.	92.0	0		92.0	92.0 92,	0	92.0	92.0	92.0	92.0	92.0	92.0
1 88.0 91.8 92	.5 92	92.7	2.7	.7		l					92.7	92.7	92.7
FUOI 68.4 93.0 94	٠ n•	94.3	£.4	٠,			*		*		4.46	7.76	7-76
100 88.4 93.C 94	76 7	94.3	~	£.3	•		-				94.4	94.4	4.46
COO! 88.4 93.4 94	*6 3.	ŝ	5.1	95.1	95.2 9	6 2.5	95.2 9	95.2 9	95.2	2.56	2.56	95.2	95.2
5001 88.4 793.4 94	6 9.	150	2.	95.2				95.3 9	95.3	95.3	95.3	95.3	95.3
0001 88.6 93.6 95	• 1	S	8		ļ				l		95.9	95.9	95.9
8 45	M)	0.96	6 0.96					·	٦.		1.96	96.1	1.96
5001 89.1 94.8 96	6 1.	•	S	97.8	98.1	7		Ì	•	98.4	98.4	400	48.4
2001 89.1 94.9 96	8.	97.7	.				9			9*86	9.86	9.86	9.86
1 89.2 95.4 97	86 4	98.9	٥	.3		6 5.66					6.66	6*66	6.66
1 69.2 95.4 97	۰, ع•	98.9	٥	-		i					99.9	99.9	6.66
2 95.4 97	86 7	6.86	6-86		-	<u>-</u>						0.001	0.001
16 h-56 2-68 1	10 i	98.9		300	-	1	1	100-001	١	10001	0.001	100.0	0.001
89.2 95.4 97	o- 	98.9	•			-	100-0		100.001		9.00	100.0	100.00
001 69.2 95.4 97	6 7.	6.86	6	.3	6 2.66	.7	100.001	100.0		100.001	0.00	100.0	100.0
00 69.2 95.4 97	36			_		١	- [- 1	i	7	- [100.0	100.0
2 95.4 97	96	80 (D- (m i	6 2.66	٠,			o d	-	D . 00	0.001	0.001
03 89.2 95.4 97	5		6.6	Ì		7.1	100.01	0	وا	-	0	100.0	200.0
1 89.2 95.4 97	30°		6.96	η.	6 1.66			100.001	0.00	1 0.001		7.007	0.00
01 89.2 95.4 97	.4 98-1	98.9	6 6.86	9.3	6 1.66	99.7 100	100.0 10	100.0 100	0	100.001	0.00	100.0	100.0

	STATION	STATION NUMBER	: 912450	STATION	ON NAME:	: WAKE	ISLAND					PERIOD (OF RECORD:			1500-1700	00
	CEILING		•	,	•			VISIE	VISIBILITY	IN STATUTE	HIL	ES		•		•	• • • • • • • • • • • • • • • • • • • •
	IA	30	GE A	39	6E	6E 1	GE 7 172	GE 2		GE	6E 1	6E 3/8	6E 5/8	6E 172	6E 5/16	6E 174	6E 0
·												•					
	NO CEIL	1 53.4	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
	GE 23000	70.	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	91				1 WIG	• •	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
	-	79.)) 1		81.1	81.1	هاه	81-1	81-1	81.1	81.1	81.1	• •	81.1
;	10000	83.	85.8	86.0	86.0	86.0	86.0	86.0	0.98	86.0	0.98	86.0	86.0	86.0	86.0	86.0	86.0
. ب	02 8 20		87.5	87.7	87.7	80.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
- .,	0009 30	86.	90.1	90.3	, s. 36	90.1		90.7	90.7	90.7	90.1	7-06	90.1	90.7	90.7	90.7	7.06
	2	88	16		92.4	95.6	92.6	95.6	95.6	95.6	95.6	95.6	95.6	92.6	95.6	95.6	95.6
J (05 4500	01 88.7	92.	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	94.2	98.2	94.2	93.1	93.1
, .	. 10	89.	,	93.8	2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	300	89.	94.	* *	95.1	95.3	95.3	95.3	8.54	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
!	6E 25,00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	46	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	180		7 6	, n.	9.50	96-1	96.1	1.96	1.96	1.96	96.1	96-1	96-1	96-1	96-1	96.1	96.1
	120	01 90.2	96.	97.2	97.3	98.2	98.2	98.4	98.6	98.6	98.6	98.6	9.86	9.86	98.6	98.6	98.6
1	10	26	9.96		97.9	99.3		90.06	6.66	6.66	100.0	100.0	100.0	100.0	100	1000	100.0
	ru	90.	36.6		- ~	99.3		96.8	99.9	99.9	10001	100-0	100.0	100.0	100.0	100.0	100.0
ت د	υς 700 υς κυσ	5°06 10	9.96	97.6	97.9	99.3	99.3	9.66	66.66	99.99	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		0.5	9.96	97.8	97.5	99.3	99.3	9.66	6.66	6.66	0.001	100.0	100.0	100.0	100.0	10000	100.0
	r PO		96.6	• •	9.1.9	99.3	6	8.66	99.9	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•	%€ 200 6.6 100	.	9.96	97.8	97.6	99.3	99.3	90.66	6066	6666	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•	• 05	• '		•	•	•	77.0	***	•	0.001		0.001	100-0	0.001	000))
J	ر دا	01 90.5	9.96	97.6	6.16	99.3	99.3	8.66	6.66	6.66	1 nn. n	100.0	100 • 0	100.0	100.0	100.0	0 001

100000 72.0 100.0 83.8 84.5 86.4 87.3 96.0 0 53.6 92.6 92.8 94.4 94.5 100.0 PERIOD OF RECORD: 77-86 HONTH: AUG HOURS (LST): 1800-2000 95.1 96.0 97.5 53.6 71.7 72.0 72.1 77.0 83.8 84.5 86.4 87.3 88.6 92.6 92.8 94.4 94.5 100 0 100 0 100 0 100 0 100.0 5/16 53.6 72.0 83.8 84.5 86.4 87.3 92.6 92.8 94.4 94.5 95.1 96.0 96.0 97.5 100 - 0 100 - 0 100 - 0 100 - 0 100.0 100.0 100.0 100.0 100.0 100.0 5E 1/2 53.6 71.7 72.0 72.1 72.1 80.1 84.5 84.5 86.4 87.3 95.1 96.0 96.0 97.5 100.0 100.0 92.6 94.4 94.5 PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM MOURLY OBSERVATIONS 100.0 100 · 0 100 · 0 100 · 0 100 · 0 53.6 95.1 96.0 97.5 8/s 83.8 84.5 86.4 87.3 100.0 72.0 92.6 92.8 94.4 94.5 53.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 37.4 37.4 71.7 83.88 84.55 87.3 94.4 95.1 96.0 96.0 97.5 95.6 100°0 100°0 1000.0 100.0 53.6 100.0 71.7 72.0 72.1 77.0 80.1 83.8 84.5 86.4 87.3 92.6 92.8 94.4 94.5 95.1 96.0 96.0 97.5 100.0 95.1 96.0 97.5 100 0 100 0 100 0 100 0 71.7 53.6 83.88 84.5 86.48 87.3 92.6 92.8 94.4 94.5 100.0 1 1/4 100.0 100.0 100.0 100.0 100.00 53.6 1 1/2 71.7 72.1 83.8 84.5 86.4 87.3 92.6 94.4 95.1 96.0 97.5 98.4 100.0 53.6 71.7 72.0 72.1 72.1 77.0 83.8 84.5 86.4 87.3 92.6 92.8 94.4 94.5 95.1 96.0 97.5 100.0 WAKE ISLAND ** 66 53.6 99°4 99°4 99°4 71.7 83.8 84.5 86.4 87.3 92.6 92.8 94.4 94.5 95.1 96.0 97.3 98.1 ~ ••••••••• 71.7 72.0 72.1 77.0 80.1 4.66 53.6 95.1 96.0 96.0 97.3 92.6 92.8 94.4 94.5 4.66 4.66 4.66 4.66 4 4 4 5 6 6 6 6 STATION NAME: 856 53.5 711.6 72.0 76.9 86.0 92.5 95.0 95.9 97.2 98.0 1.86 7.86 7.86 7.86 7.96 98.7 98.7 98.7 98.7 **OBSERVATIONS:** 71.8 72.0 76.9 80.0 8 4 . 6 8 6 . 3 8 6 . 3 92.5 94.3 4-46 95.0 95.0 95.9 95.9 97.2 87.1 98.7 98.7 98.7 7.86 98.7 98.7 98.7 98.7 S 53.5 CLIMATOLOGY BRANCH AIR MEATHER SERVICE/MAC STATION NUMBER: 912450 96.8 71.371.571.67 84.0 86.0 86.8 88.1 93.5 93.5 94.6 9°96 0°96 0°96 0°96 9 53.2 91.8 96.8 96.8 96.8 96.6 96.8 96.8 96.8 WUM'ER OF 6E 10 88.7 69.0 69.2 69.3 74.2 60.8 81.7 82.5 83.8 86.8 87.7 88.7 52.3 E7.7 88.3 88.7 88.7 88.7 68.7 88.7 88.7 88.7 88.3 88.7 88.7 200001 180001 0 \$50001 45001 45001 35001 16000 1008 8001 7001 \$000 \$000 \$000 \$000 \$000 \$000 14000 91:00 85:00 75:00 67:00 2000 1 800 | 1 500 | 1 200 | CEIL CEILING TOTAL FEET 2 0 22225 3 3 3 3 2 2 2 3 3 5 7 2 **6**E 55555 30223 95999 0 0 0 0 0 0 0 0 0 0 0

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	AIR	XEATHER	SERVICE/MA	-/HAC														
	STATI	S	NUMBER: 912	. 05 #	STATION	NAME:	WAKE	ISLAND					PERIOD MONTH:	OF RECORD:	.080: 77-80 Hours (L.	11:	2100-2300	00
	CEILI	*. %6	•						WISIB.	ILITY	IN SI	ATUTE HIL	ES	•	•	•	•	•
	IN	' 	10	6E -	6£ 5		6E 3	6E 2 1/2	6E 2	6E 1 1/2		. GE	GE 3∕¥	6E 5/8	GE 1/2	6E 5/16	GE 1/4	6E 0
	•				:						••••	•	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • •	• • • • • • •
	NO CE	1r 1 6	3.7 67	. 0•	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	4.19	67.4	67.4	67.4	67.4
	0£ 20	1000	İ	 	1.				77.4	77.4	#-77 77.4	77.4	77.4	777.4	77.4	77.4	77.4	77.4
		1000		<u> </u>	7.77	77.7	77.7	7.77	77.7	1 6	77.7	7.27		7.17	7.77	7.17	7.77	77.77
	of 14	1000	5•7 81 6•5 83	0	i ĸ		• •	41 4	83.4	83.4	63.4	83.4	83.4	83.4	63.4	83.4	83.4	83.4
-	-	7 1000		٩	6	1.0		6	86.1	1.98	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
		r00 7		.3	•	9	اف	٥	86.8	٥	91	86.8	•	86.8	86.8	910	،ان	ەاھ
	9 6 11 11 11	2 1000	9.7 87	س ه	3 · 0 a	₹	88.4	# # O	3 0 0 K	***	# # 80 0 80 0	# # 80 E	# # 60 00 60 00		****	# # ***********************************	3 · 6 · 8	7 7 0 0 00
		8 1000	; o∞			· ·			89.6	89.6	0	89.6	0	96.6	89.6	9.68		10
	ı	r.001 8	6	9.	10	14	12	12	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	بر الم	8 100.00	3.1 91	1 • 8 9 × ×	92.4	95.4	92.4	92.4	92.4	95.40	9-26	95.46	9.26	9.46	9.46	98.96	92.46	94.6
		8 1003	•	ω.	*	r 🖈		u	95.0	95.0	95.0	95.0	95.0	95.0	95.0	.0*56	95.0	95.0
		9 1000	٠ د د	•5	S.	101		ŝ	95.5	95.5	95.5	95•5	95.5	95.5	95.5	95.5		95.5
		5,002	5	2.	8	U)	S.	95.5	95.5	100	s.	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	 	20001 84 16001 84	ທູ	7-17	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	กเก	95.9	95.9	95	95.9	95.9
		5001 8	6 2.	80	7	· ~	-	97.6	97.6		7	7.16	1	1.16	-	97	97.7	7.16
		2001 8	. 7.			~		98.3	98.3	98.3	98.3	4-96	*-86	h • 96	20	86	98.4	ħ•86
	L.J. 1	3 100		٠.	800	100	0.66	0.66	4.66	4.00	9.66	7.99	99.7	99.7	7.00	4.00	7.66 8.00	99.7
	ני ני	F00 64	4.8 96	٠.	98.3	9.86	. 6	99.3	• •		8.66	100.0	100	100-0	100.0	100.0	100.0	00
	6.F	8 100	80	.1	8.	8	•	-	8 66	0	8.66	100.0		100.0	100.0	1.00-0	100.0	100.0
	O.F.	9 00	&	∹	æ	JQ.	6	•		9.66	6	100.0	100	100.0	100.0	100.0	100.0	90
	ΨI	8 100	6	-	8	80	6	99.3	9.66	8.66	9.66	8	8	100.0	100	0.00	100.0	100.0
	 	10 I		7-	7 8 6 0	9.5.6	999	7 00	• 1			100-0	100.0	1000	100-0	100.0	100.0	100.0
	ม เม (วี (วี	00.00	. 6	: -		2	:		99.8	9.66		8	8	100.0	100.0	100.0	00	100.0
	, J	9 100	6 8.		8	30	•			6	8.66	8	8	100.0	100.0	100.0	00	100.0
		8 10	8.	-	m	96.0	99.3	66	0	0	9.8	100	0.00	100.0	100 0	100.0	100.0	100.0
			• (:	• .												
	1 0 1	a En	מים בים	SERVAL	TOMOTIA	2 0 L	-											

STATION	NUMBER	912450	STATION	A AME	· LAKE	TC: AND											
			•			7354					MONTH	PERIOD OF RECORDS MONTH: AUG HOL	ORD: 77 Hours	D: 77-86 HOURS (LST):	ALL		
116	!						•		IN STATE	TATUTE MILES			•	•		•	
FLET	3 -	و د د	ی بین و	ان س		6E	6£	39		99.	1	9	9	25	OE GE	10	
								7/1		4	*/*	9/6	1/2	5/16	1/4	0	
NO CLIL I	1.65	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	}
2000	70.4	٠.	73.1	10	- 100	78.2	78.7	77.7	_ N								
8	70.8	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.2	73.2	73.2	
UE 165001		•	74.7	74.4	*	74.4	74.4	74.4	74.4	74.4	74.4	74.4		74.4	74.4	4.4	
12000			0 10	- :	9.77		8.77	77.8	17.8	77.8	17.8	77.8	77.8	77.8	17.8	17.8	
				ا د		_	#n•1	4-08	1.04	1.08	80.1	108	80.1	1.08	80.1	80.1	
1000001 35	79.	83.7	•	æ	84-1	-	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
9000	ລູ້ເ	37 (C	٠	₹:	* 1	20	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	8 48	80 40	
75001	83.5	86.7	80.0	4 C	86.4	# 1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
10074 72	,		•	• 0	- : •	1	8/03	81.03	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
,	J	•	• 1	ן ט	0	28.1	1.00	1.88		88.1	88 • 1	88 - 1	88 - 1	80.1	88.1	86.1	
6E 5eee		•	•	-	-	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.0	010	-
40001		- M	75.5	2.76	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
M	9	,,		1 3	, .	7 - 40	1 40	7	1	1 - 46		1 1 6	1.96	1-46	1.46	1.06	
~1	9			- 47		05.7		200	000	24.5	94.5	3	94.5	94.3	94.5	94.3	
•				1	ı i					7	5.67	40.4	43.5	2006	45.5	5.56	
ot 25001	86.5 26.5 3	10 4 7 0 10 4 7 0	94.99	7.56	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
,	9		• •	מ וו	• . •		700.5	76.2	ع و	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
~		5		, ~) r	0.40	0.00	40.0	?	4045	200	96.3	96.3	96.3	96.3	
_	7.	\$	-	-	98.3	96.3	98.5		98.5	98.6	98.6	98.0	9.86	0.89	0.86	98.0	1
1 Oracl		1,	١,	- ,											•	•	
1006 39	87.5	76.2	9.40	7 · 0	1.66	1-66	9.66	2.66	1.66	8.66	8.66	99.8	6.66	6.66	6.66	6.66	
E 8001	1.	9		9	00	1.00	00.1	77.	77.6	8.66	99.8	- 1	6066	99.9	6666	6666	
CE 7001	7.	•	7.9	9 8	1-66	99.1	99.7	99.7	60.7	000	0.00) o	100-0	מים מים	0.001	100.0	
E 600 1		2.96	-	96.	0	99.1	1.66	1.66	10	6.66	99.9	1	100.0	100.0	100.0	2001	
<u>د</u>		ي ا	- 1	,													
	87.3	96.2	97.9	7 20	1 0 0	7.66	7.66	7.66	7.66	6°66	99.9	6.66	100.0	100.0	100.0	100.0	l
		9		. 3	69.1	1.00	1 00	000	77.0	77.0	99.9	66.66	100.0	100.0	100.0	100.0	
6E 2001		9		30	99.1		99.7	99.7	600		× 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	ם מים	0.001	100.0	0.001	
		96.2	•	3	•	99.1	1.66	1.66	1.66	6.66	6.66	6. 66	100.0	100.0	100.0	100.0	ı
10	27.4	0.6. 2	2 7 0	-1.	- 1	1	- 1			- 1	- {	i					
	: :	::		7	7.44	1.66		94.6	66	6.6	99.9	6.66	•	00	0.00	100.0	
				1												• • • • • •	:
OTAL KIMBLD	N.																

STATIO	R WIRITER SER ATION NUMBER:	SERVICE/FAC [R: 912450		STATION NAME:		ISLAND					PER10D MONTH	OF RECORD:	3	6 571:	0000-0500	90
							VISIBIL		IN STATE	UTE RILE	ES		:			• • • • • • •
ستا د	66	99	66.	GE 4	6E 3	6E 2 1/2	6E 2	٤٣	9E	5E		6E 5/8	6E 1/2	6E 5/16	6E 1/4	6.6.0
					•											• • • • • • • • • • • • • • • • • • • •
NO CEIL	1 1 74.3	4.61	80.0	8 ()	80.1	86.1	80.1	80.1	1.08	80.1	1.08	80.1	80.1	80.1	80.1	80.1
107 39 	001 60.	1.088	2.000	88.2	# 00 00 00 00	37 40 60 60 60 60	2.00	**	4.00		88.4	90.4	4.68	8.8.4 8.8.4	3.88	7 00 00 00 00
• •		8 9		88.7			88.9		6.00		88.9	88.9	88.9	88.9	88.9) 30 (
0E 140	40001 61.1 20001 61.2	90.00	90.6	96.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
-	1 62.	91.9	1 ~	111	10				92.3	1 .	2	92.3	92.3	92.3		
	82.	92.0	92.2	N	N	•	92.4	N	N	92.4	~	92.4	92.4	92.4	2	N
	100	92.9	93.0	0.E.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
19 In	001 63.	93.1	M	. ~	93.5		93.5	93.5	93.5	93.5	m	93.5	93.5	93.5	•	M
.n :		95.4		95.5	l w	95.8	95.8	95.8	95.8	95.8	9-56	95.8	95.8	95.8		
0 P B B B B B B B B B B B B B B B B B B		97.7	97.8	98.1	98.4	98.4	98.4	9 00	98.4	98.4	0,00	9.86	98.4	98.4	98.4	98.4
m	1 86.	4		9.8.3	100	98.7	98.7		1.86	7.86		7.86	98.7	- 69 ⋅	•	80
~ 1	. 86.	98-1	•	9 B - 4	∞	9.96	9.80	98.8	98.8	98.8	98.8	98.8	98.8	98.8	æ	8 - 86
~~	5001 86.5	98.1		3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	80	98.89	8-86	98.8	80 0 80 0 80 0	98.8	98.8	98.8	8.89	98.8	8.86	98.8
. E 18		98.2	98.3) 2 0	98.9	98.9	6.89	98.9	• •	6.86	98.9	98.9	98.9	98.9	(C)	6.86
~ ~	2001 86.7 2001 86.7	9.86 9.86		9.56	100.0	100.0	100.0	100.0	100.0	100.0	100.0	• •	100.0	100.0	100.0	100.0
-	, b6.	98.86	99.2	(A)			00	100.0	100.0	100.0	18	100.0	100.0	18	8	100.0
		8-86	2.66	9	8	100-0	100-0	100 0	100-0	100-0	8	100.0	100-0	100.0	100-0	100.0
יי פיר פיר	36. 36.	3 6 6 6 3 6 6 6 3 6 6 6	2.66	9 4 5 5 6	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	0.001	100-0	100.0	100.0
	1000	98.8	۰	· ·	80	100.0	8	100.0	100-0	100-0	8	100.0	100 0	100-0	100 0	100.0
	5001 86.7	800	99.2	9-56	100-0	0.001	100.0	100.0	100.0	100.0	100.0	100-0	100-0	100.0	8	100.0
# (도 도		98.8	99.2	· On ·	00	90	100.0	18	100	130-0	100-0	100.0	100.0	100-0	100.0	100.0
	86.	98.86	2.66	9 2 6	100.001	100-0	100.0	100-0	100.0	100.0	100.0	100.0	100-0	100.0		100.0
,	7 70 10	. a	600	0	18		000		6	5	000	000	000	0 00.	0 001	0 001
		• • • • • • • • • • • • • • • • • • • •		•	י מחסים			7.007			:	2001	:	:		
TOTAL	AL NUMIER OF	OBSERVATION	TLONS:	829	1											
		ı														

	NUMBER: 912450	STATION	N NAME:	. WAKE	ISLAND					PERIOD OF	1 1	RECORD: 77	D: 77-16	00.50-005.0	
•	•	,	•									2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		0000-0000	•
941	} } !					VISIB	_	IN STATU	STATUTE MILE	s					
18 GE FELT 10			 	3	6E 2 1/2	2 7	5E 1 1/2	1 1/4 1 1/4	بر س	3/4	578	1/2	5/16	174 174	ت ور
						•						•	•	•	•
NO CEIL 75.6	6 82.6	82.6	8.2.8	82.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
200001 80.	į	.0	4° JO		4.06	₩°06	90.4	9006	90.4	4.06	4.06	90.4	\$.06	9006	4.06
180001 60.	8 90.1	406	300	7.06	90°4	90.4	₩.06	90.4	₩.06	90.4	90.4	\$00€	406	406	90.4
160001 80.	∞ ⊷	90.5	96.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
•	າທ	91.4	91.4	91.4	91.4	16	1-16	91.4	1-16	91.4	91.4	91.4	91.4	4-16	91.4
.50 10001		93.0	0.2.0	03.0	03.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
90001 62.	8 92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
8000 63.	-	94.1	94.1	94.1	1.46	94.1	94.1	94.1	1.46	94.1	1.46	1.46	1.46	1.46	1.46
7cuo 83.	_	94.1	1.46	94.1	94.1	94.1	94-1		94-1	94.1	94.1	94.1	94 - 1	1.46	94~1
61 001 83.	4 94.3	94.6	94.6	9.46	9.46	9.46	9.46	9.46	9.46	9-46	9-16	9.16	9.46	9.46	9.46
ruo! 84		97.1	97.4	4.16	4.76	97.4	97.4	97.4	4.16	97.4	97.4	97.4	97.4	97.4	97.4
8 1005 %	6	97.6	~1.	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
4 100 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	200	0 0 0 0 0 0	7.80	98.7	98.7	7.80	7.86	7 8 6	08.7	780	7.86	98.7	96.7	7.80	7.86
a 100u	9.		, 23		1.86	7.86	1.86	98.7	7.86	98.7	98.7	98.7	98.1	7.86	98.1
Sent 1 ac.	į	a	7.40	ا	7 70	00.7	7	7.00	98.7	08.7	98.7	98.7	98.7	98.7	98.7
	86	98.9	99.5	89.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	2.66	99.2	99.2	99.2
1600 65.	:	8	2.66	i •	99.2	89.5	2.66	99.2	2.66	89.2	2.66	2.66	2.66	2.66	7.66
15 15001 85.0	98.6 9.86 9.86	19.2	30.0	**66	90.00	90.00	99.4	99.4	99.4	99.00	90.00	3.00	30.66	9000	9.66
	•		•	•							•				
6£ 10001 85.5	9.86 6	7.00	0.70	6.66	6.66	6.66	6-66	6-66	100-0	100-0	0.001	100-0	0.00	1000-0	100.0
F00 c5	98.		6.56	6.66	• •	6.66	6.66	6	100	100-0	100.0	100.0	100.0	100.0	100.0
65.	9 98.	•	6.66		6.66	. 6.66	6.66	666	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6001 85.	98	**66	6.56	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5001 85.	9.86 6		6.56	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4001 85.		•	6.66	6666	6.66	6.66	66.66	66.66	100.0	100-0	100.0	100-0	100.0	100.0	100.0
	300		ر کن	6.00	6.66	6.00	6.66	6.00	100	0-001	100.0	100.0	0.001	0001	100.0
1001 85		80.66			6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3,5	9 80	7 00	0 0	0 00	0 00	00	0 00	0	9	9	900	0		000	0.004
	•						i					1 1 1 1 1 1 1 1		7 1717	

 PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY QUSERVATIONS ÷ GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MACT

EILING GE IN GE FELT 1																
 							VISIB	١,	IN STATUT	wı	ام					
•	0	. o	S S	بر ن		2 1/2	2 2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1,4	, 0
	•				•	• • • • •	•••••	•••••	• • • • •		••••••	• • • • •	• • • • • •	•••••	• • • • • • •	•
0 CEIL 1 74	4.8 7	74.9 7	_ 6.47	74.9	74.9	74.9	74.9	74.9	74.9	74.9	14.9	74.9	74.9	74.9	74.9	74.9
3 000007	1	<u>r</u>	87.7		87.7	87.7	87.7		-	87.7	1.18	87.7	87.7	87.7	87.7	~
180001	٠,	: م	•	P .	87.9	87.9	87.9	87.9	-	87.9	87.9	87.9	87.9	87.9	87.9	87.9
160001 8	Δ.	m :	.	aj,	88.3	88 · X	88.3			8.0	M • 10 60 60	88.5	88.5	200	20.0	20 0
CE 14C001 88	7 0	90.7	90.7	96.1	90.7	90.7	90.7	90.7	90.7	7.06	90.1	90.1	206	90.1	90.1	90.1
160001	6	2.2	12	92.2	92.2	92.2	2	92.2		92.2	2	92.2	92.2	92.2	92.2	92.2
90001		מו	95.6	9.26	95.6	92.6	95-6	95.6	95.6	95.6	•	95.6	95.6	95.6	95.6	95.6
8000		·	ň	93.3	93.3	.93.3	'n	93.3		93.3		m	93.3	93.3	93.3	93.3
4 T0001			'n	93.3	93.3	93.3	3	93.3	93.3	93.3	93,3	93.3	93.3	93.3	93.3	93.3
5 10019	m	-a	ň	93.5	93.5	93.5	93.5	93.5	93.5	93.5	•	m	93.5	93.5	93.5	93.5
rac1 5			0.90	96.13	96.1	96.1	1.96	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
5 003	~	a	16.1	96.1	2.96	96.2	96.2	96-2	•	2.96	2-96	96.2	2.96	96.2	36.2	96.2
о о — -	0 6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	.	,				200	200	07.2		67.7	2 40	07.7	07.7	67.0	07.2	07.2
,	.	,	7 - 7 6	1.1	7.1.6	711.6	•	7.1.6	:	7	*		*		7	
25001 95			97.1	97.1	•	97.2.	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2000	.	0 ^	7.8	0 7 8	07.0	07.0		77.0	-	0	07.0	• • •	0	01.0	• 1 4	6/6
1005	٠.	- 00	5.60	9.56	66	90.6	8 66	90.6	9.66	- 66	8.66	8.66	99.8	99.8	90.66	99.8
12001 56.	.1 98	6 8.8	•	Ċ	99.8	9-66	86.8	•	8.66	8.66	8.66	8.66	8.66	8.66	8.66	8.66
-	6-1			9.56	8 66	8.66	8-66	0	10	8.66	8.56	1.66	8.66	6.66		666
6 1006			0	3.0	66	9.66	8.66	9.66	90.66	99.8	90.6	9.66	8.66	6.66	6.66	66.66
1003	_	ഹ	•	Ç	66	90.66	99.8	9.66	8.66	8-66	8.66		8.66	6.66	6.66	6.66
э —	_	6 9.86	6	Q.	•	•	99.9	99.9	99.9	99.9	99.9	99.9	6.66	100.0	100.0	100.0
96 1009	- :	20	9.60	3° 5	6.66	60.6	99.9	99.9	66.6	99.9	6.66	66.66	99.9	100.0	100.0	100.0
_			.0	(A)	6.66	6.66	6.66	6.66	. 0	99.9	99.9	6.66	6.66	10000	100.0	100.0
		100 1	9.66		6.66	66.66	6666	6.66	6.06	• 1	99.9		99.9	100.0	100.0	100.0
љ. — .			•	Ġ,		6.66		•	O (6.66	6.00	•	٠	100.0	100.0	וחחון
96 1002	-	uo .	0	9.56	6	•	99.9	اہ	0	• 1	•	99.9	• 1	100.0	100.0	100.0
96 -	-	uro.	0		6.66	6.66	99.9	99.9	6.66	66	99.0	6.66	6.66	1 00 • 0	100.0	100.0
01 96	10	8.8	99.66	8.66	99.99	6.56	6 66	6.66	99.0	0.00	6.66	60.66	6.66	100.0	100.0	100.0

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PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS BLOBBAL CLIMATOLOGY BRANCH USAFETAC ALB SEATHER SEGUTCE MAE

	R: 912450		ON NAME:	AKE	ISLAND	٠				MONTH:	SEP HO	ES:		1200-1400	00	
ING				•	• • • • • • •	VISIB	ILITY	IN STATUTE	ITE HILE	3	•		:	•	• • • • • •	•
1 GE		ນ ນີ້	37	GE 3	GE 2 1/2	GE 2	i ł	1 1	1 1	6E 3/4	6£ 5/8	GE 1/2	6E 5/16	6E 1/4	6E 0	
		•	:	:	:									•		:
no CEIL 71.7	7.11. 7	1.1	7107	71.1	71.7	71.7	71.17	711.7	11.1	7.17	71.7	11.7	71.7	71.17	71.7	
87.	1 87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	97.8	87.8	87.8	87.8	87.8	87.8	87.8	
160001 28.	88	• «	- 12	ء ا	. 6	88.9	88.9		AR.9	88.9	4 I 4	88.9	88.9	88.9	88.9	
E 14001 89.	90.	6	, u		0	9006	90.6	9.06	90.6	9006		90.6	90.06	90.6	90.6	
E 120001 91.	92.3	2.	. V		2.	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
100001 92.	1 93.2	m =		93.2	93.2	93.2	93.2	93.2	93.2	MH	93.2	93.2	93.2	93.2	93.2	
£0001 92.	93.	93.9	93.9	93.9	93.9	93.9	93.9		93.9	ei e	93.9	93.9	93.9	93.9	וא ור	
01 92.	* 76	3	₹,	₽ □	94.1	1.46	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	3	
61.001 92.	• 16	*	Ŧ		94-1	94.1	7.56	94.1	94-1	94.1	1.46	94.1	94.1	94.1	94•1	
*#6 10005	96		6.3			96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	<u> </u>
4 100 VS.	96	• •	7.8	•; (67.8	97.8	97.8	97.8	97.8	97.6	97.8	90.0	07.0	97.6	
95 CDS	1 97.8	97.6	9.7.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
e 30001 96.	97.	97.	£ • 1			1-96	96-1	98-1	98.1	1.86	1.86	98.1	98.1	98.1	98.1	
£ 25001 96.	97.	-			98.1	98.1	98.1	98.1	1.86	98.1	98.1	98.1	98.1	96.1	1.86	
96	F 908.7	98.7	9 8 9 9	98.9	98.9	6.00	98.9	60 0	98.9	98.9		98.9	98.9	98.9	98.9	
t 1500 97.	66				9.66	9006	30.66	90.6	99.8	90.6	99.8	8.66	99.8	99.8		
£ 12001 97.	• 66	66			6.66	6.66	6.66	6.66	6-66	6.66	6.66	6.66	6*66	6.66	6.66	
16001 97.	66	6	(A)	6	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
•16 1005	66	ċ	ري ر	ċ	•	00	100-0	100.0	0001	100.0	0.001		100.0	0.001	100.0	
7.6 00.2 3	1 99.0	99.2	9. V. O.	0.00 00.00	0.00	0000	100.0	100-0	0.001	100.0	100.0	100-00	100.0	100.0	100.0	
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLUGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

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10000	68	92.7	2	l Ni	92.8		95.8	IN	92.8	8.26	10	95.8	95.8	95.8	95.8	95.8	
	88	•	٠,	(VI)	mil	اه. ا (۳	93.0	nje	93.0	93.0	mi	•1	93.0	93.0	m	93.0	
CE Brug	69.10	•		~ *	93.6		93.6	95.6	, r	93.6	93.6	93.6	93.6	95.0	93.6	93.6	
-	69.	93.8	M	0.46	0.46	94.0	0.46	0.46	0.46	0.46	94.0	• •	94.0	0.46		0.46	
		- 1	ί		- 1	- 1		- 1	-		- 1			- 1		- 1	
5000	01.91.2	7 96	9 4		7.96	96.7	7-96	7.96	7.96	7.96	7.96	96.7	96.7	7-96	96.7	96.7	
Ö	\$25		97.8	97.6	~.60		98.0	98.0	: &	98.0	- 0		98.0	98.0	98-0	• 40	
3500	92.		97.		00		98.0	98.0	8	98.0			98.0	98.0	98.0	•	
300	92.	8	8	.30	40		98.2	2.86		98.2	98.2		98.2	98.2	98.2	98.2	
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200	92.	٠	8	æ,	98.8	اق	80 1			•	98.8	98.8	98.8	98.8	• !	• 1	
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1000	92.	98.9		(A)	8.66	6	6.66	6.66	0	6.66	6.66	0.1	60.66	100.0		100.0	
ָבָי בְּי	У Э	• •	***	7.4.6	200	6	, la		• •	000	•1	•	` {		100-0	0.001	
	92,	•		• 0	000	•				0 00	0.00	0	3	1000		100-0	
2 en	92.	8	•	S. O.	99.66	9.66		6.66			1 6 I		100.0	100.0		100.0	
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7	1 92.	•	6	1.56	99.8	6		•		• !	99.9	99.9	8	100.0	8	100-0	
300	S :	6.86	0 (1.56	8.66	98.6	6-66	•	6.66	0	6.66	6.66	100.0	8	100.0	0.001	
10. 20.	• 26 - 60	٠	7.00	1.56	8 6 6	00 0 00 0	0.00	6.66	6-66	600	600	> (חים מים	0-001	0.001	100.0	1
4	• 7.	• '	•	۸ .	•	•	•	•	A	•	6	**	3	3	3	0.001	
 L.F	01 92.8	6.86	4.66	1.56	8.66	8*66	6.66	6.86	6.66	6.66	6*66	6.66	100.0	100.0	100.0	100.0	

VISIBILITY IN STATUTE MILES •••••• 100.0 17.6 82.6 83.4 84.9 88.4 88.9 89.2 89.5 95.6 96.2 97.2 97.2 6.66 O 6.06 98.0 100.0 85.7 1.86 100.0 0000-0500 100.0 100.0 100.0 100.0 88.4 88.9 89.2 89.5 95.6 96.2 97.2 97.2 98.0 98.1 6.66 100 100 100 100 100 0 77.6 100.0 100.0 100.0 100.0 100.0 77.6 HOURS (LST): 6E 5/16 82.6 83.4 83.8 84.9 88.9 89.2 89.5 90.5 95.6 96.2 97.2 97.2 98.0 98.1 99.9 100.0 100.0 PERIOD OF RECORD: 77-86 100.0 100.0 100.0 1/2 77.6 82.6 83.4 84.9 88.9 89.2 89.5 6.06 95.6 96.2 97.2 97.2 98.0 98.1 98.1 00.00 100.0 100.0 OCCURRENCE OF CEILING VERSUS VISIBILITY HOURLY OBSERVATIONS 100.0 100.00 6E 5/8 17.6 82.6 83.4 84.9 88.9 89.2 89.5 100.0 100.0 6.06 95.6 96.2 97.2 97.2 98.0 0.001 1.86 100.0 HONTH: OCT 5E 3/4 77.5 97.0 97.9 97.9 98.0 99.99 6.66 82.5 83.3 83.7 84.7 88.3 88.8 69.1 99.66 6.66 90.8 95.5 99.8 99.99 6.66 77.5 95.5 96.1 97.0 97.9 66.66 82.5 83.3 84.7 88.3 89.1 89.3 97.9 98.0 99.8 99.9 6.66 99.99 <u>6</u>E 77.5 85.6 68.3 89.3 89.3 90.8 95.5 96.1 97.0 97.0 97.9 97.9 97.9 97.9 99.6 82.5 8.66 SE GE 77.5 95.5 97.0 97.0 82.5 85.6 88.3 88.8 89.1 89.3 97.9 97.9 97.9 99.6 99.8 99.8 999.8 8.66 PERCENTAGE FREQUENCY OF FROM 77.5 82.5 83.3 84.7 85.6 97.0 97.9 97.9 99.6 88.3 88.8 89.1 90.3 95.5 99.8 8 6 6 6 8.66 WAKE ISLAND 1/2 77.5 8.66 82.5 83.3 84.7 88.8 89.1 89.1 95.5 96.1 97.0 97.0 97.9 97.9 97.9 99.6 999.8 999.8 999.8 999-8 999-8 999-8 CE N, 17.5 M 82.5 83.3 84.7 85.6 88 .3 89 .1 90 .3 95.5 96.1 97.0 97.0 97.9 97.9 97.9 99.8 99.8 99.8 99.8 8.66 SE STATION NAME: 845 882.5 83.5 84.4 87.4 67.6 77.5 96.9 8 6 6 3 8 8 6 6 8 5 6 1 8 5 . 3 4 3 6 4 3 6 97.8 9.7.6 \$\$\$\$\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$ 999.5 997.5 997.5 997.5 * 9.76 95.5 CE 17.5 OBSERVATIONS: 1.48 83.3 88•3 88•8 89.1 89.3 95.4 96.0 96.8 9.96 97.6 97.6 97.6 99.2 99.3 99.3 99.3 99.3 99.3 S 85.6 99.3 GE OLUHAL CLIMATOLOGY BRANCH USAFLTAC AIR MEATHER SERVICE/MAC GE TATION NUMBER: 912450 88 . U 88 . S 88 . 9 89 . 1 98.3 9 77.5 82.5 83.3 83.7 84.7 95.1 95.6 96.3 96.3 97.0 97.0 97.0 98.2 96.3 98.3 98.3 98.3 TOTAL NUMBER OF 91.8 10 78.7 79.5 79.9 80.9 63.00 84.00 84.00 84.00 69.7 69.9 93.3 90.3 90.8 90°8 90°8 90°8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 74.3 ŝ ن ا 20000 18000 16000 14"00 1 30 m 8 (100 | 7 (100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0025 3500 2,001 2000 1500 800 700 600 005 30.00 1200 00% 900 CE IL FEL T 2 9 7 2 2 2 2 2 2 2 2 2 3 الله الله 900 50000 ů 212 2 2 2

11.6 6.1 1.1 1.2 1.2 1.3		STATIO	STATION NAME:	HAKE	ISLAND					PERIOD MONTH.	OF RECORD:)RO: 77-86	1	0300-0500	9
EET 65 CELL 75 CELL 75 20000 78 18000 78 1400					1	VISIBILITY	ILITY IN	SIATU	HILE						• • • • • • • • • • • • • • • • • • • •
CELL 75 CELL 75 20000 78 18COO 78 14COO 78	E GE	55	C.E.	GE	3	GE			بيا	36	39	99	GE	96	99
CLIL 75 20000 78 18000 78 16000 78	9 61	SO.	*		2 1/2	2 1	1 1/2	1 1/4	-	3/4	5/8	1/2	5/16	1/4	0
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200001 78 185001 78 165001 78	-0 78-9	78.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
185001 78 160001 78 145001 78	82.	2	82.9		2	82.9	82.9	82.9	82.9	6.28	82.9	82.9	82.9	82.9	82.9
16000 78 14000 78	82.	5	~	2	ائح	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
	4 82.9 7 83.2	83.2	6 7 8 7 8 8 7 8	83.2	82.9	83.2	82.9	82.9	83.2	82.7	83.2	82.9	83.2	83.2	82.2
120001 19	5 84			3		84.0	0.48	84.0	84.0	84.0	27	84.0	84.0	84.0	84.0
100001	87	-	~	-	87.7	87.7	87.7	87.7	87.7	67.7	87.7	87.7	87.7	87.7	87.7
5 5 5 5			80 E	88.2	88.2	89.2	88.2	88.2	88.2	88.2	89.0	89-0	89.0	88.2	89.0
70001 82	986.9	00	, a		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
60001 83	7 90	90.3		å	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
56001 87	36 3	ius	95.3	5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
45031 87	90	-95.5	95.5	Š.	ام	95.6	95.6	95.6	95.6	92.6	95.6	95.6	95.6	92.0	92.6
of 41001 88.	.2 yb.0	9.96	96.6	96.8	n m	96.8	96.8	9.46	96.8	96	96.8	96.8	96.8	96.8	96.8
30008	2 96	91.6	93.6		_	7.16	1.16	1.16	1.16	7-16	1-16	1.16	1.16	97.7	1.16
CE 25:30 88.	-2		97.6	١.,	97.7	97.7	1.16	1.16	7.16	97.7	97.7		7.16	1.16	1.16
2001 28	76 4.	97.9	97.9	98.1	98-1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
5001	96		7 5 6	•	5.66	5 6 6	80	, 6	99.5	5.00	99.5	99.7	99.7	99.7	1.66
12001 8	98.		9.56		99.7	99.7		1.66	1.66	99.1	1.66	8.66	8.66	99.8	99.8
10001 8	U 98.		1.56	8		8.66	99.8	8.66	99.8	8.66	8.66	100.0	100.0		100.0
68 1006	. 98°	•	1.56	÷.	20	99.8	0	99.8	99.8	99.8	8.66	100.0	100.0	임	100.0
65 FCD1 89.	98.5	***	7.50	8 6 6 6	20 0 0	30 00	90	8	3 · 6	0 e	9 6	100.0	0-001	100.0	0001
8 100)	0 98°	. 0	1.56		50	99.8			• •	9.66	9.66	100-0	100.0		100.0
	85 0	' o	[O.	99.8		9.66	99.8	8.66	99.8	8.66	8.66	100.0	100.0	100.0	100.0
1007	98*	•	7.56	٠,	٥١٥	99-8	99.8	99.8	99.8	99.8	8.66	100-0	0.001	100.0	100.0
6E 5001 89.	C C	000	7.70	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* · · ·	B • 0	200	2 4 6 7 0 7 0	80 × 00 × 00 × 00 × 00 × 00 × 00 × 00 ×	0 °	9 6 6 6	100-0	100-0	1000	0.001
1001 8	0 98•	•				8.66	0	8.66	8.66	8.66	99.8	100.0	100-0	100.0	100.0
6E 01 89.	.0 98.5	4.66	1.66	99.8	99.8	8.66	9.66	99.8	8.66	8.66	99.8	100.0	100.0	100.0	100.0

VISIBILITY IN STATUTE MILES ********** 89.2 0 76.0 82.7 83.1 83.4 84.2 87.5 87.8 88.5 88.5 93.5 94.2 96.2 96.2 9.96 98.9 1.66 99.66 100.0 100.0 1000-0 100.0 6.66 HOURS (LST): 0600-0800 100.0 100.0 100.0 100.0 76.0 87.8 87.8 88.5 88.5 93.5 94.2 96.2 96.2 96.66 97.6 98.9 98.9 99.7 1/4 82.7 83.1 84.2 86.2 100.0 100.0 76.0 82.1 83.1 84.2 85.7 87.8 87.8 88.5 88.5 93.5 94.2 96.2 96.2 96.6 97.6 98.9 98.9 99.7 5/16 OF RECORD: 77-86 OCT HOURS (LS 60.66 GE 1/2 76.0 82.7 83.1 83.4 84.2 87.5 87.8 88.5 88.5 93.5 94.2 96.2 96.2 96.6 97.6 98.0 98.9 99.9 99.99 99.99 99.7 6.66 PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS 76.0 5/8 87.8 87.8 88.5 88.5 6.66 82.7 83.1 83.4 84.2 93.5 96.2 96.2 96.2 96.6 98.0 98.9 99.7 99.7 99.9 99.99 6.66 99.99 GE PERIOD O 96.6 97.6 98.0 98.9 6E 3/4 6.66 76.0 87.5 87.8 88.5 88.5 93.5 94.2 96.2 96.2 99.7 99.99 82.1 83.1 83.4 84.2 6.66 6.66 99.99 87.5 87.8 88.5 88.5 76.0 82.7 83.4 83.4 84.2 93.5 94.2 96.2 96.2 96.6 97.6 98.9 99.4 99.7 99.7 99.9 99.9 99.9 60.66 6E 76.0 83.1 64.2 87.5 87.8 88.5 88.5 93.5 96.6 97.6 98.0 98.9 99.7 99.7 7.66 1.66 2.66 1 1/4 GE 76.0 83.4 87.5 87.8 88.5 88.5 89.2 93.5 94.2 96.2 96.2 96.6 97.6 98.9 98.9 1 1/2 82.7 1.66 99.7 1.66 1.66 7.66 7.66 1.66 Ų GE 2 76.0 96.6 97.6 98.0 98.9 87.8 87.8 88.5 88.5 93.5 94.2 96.2 96.2 82.7 83.1 83.4 84.2 85.7 99.7 99.7 99.7 1.99 99.7 7.66 1.66 STATION NAME: WAKE ISLAND 76.0 82.7 83.1 83.4 84.2 85.7 5E 1/2 87.5 87.8 88.5 88.5 93.5 94.2 96.2 96.2 96.6 97.6 98.0 98.9 7.66 99.7 99.7 99.7 99.7 99.7 1.66 7 76.0 m 883.7 883.7 85.2 85.2 93.5 94.2 96.2 96.2 96.6 97.6 98.0 98.9 99.7 99.7 99.7 99.7 99.7 99.7 1.66 GE 1 76.0 797 96.6 97.6 98.0 98.9 9.56 88 32.7 8 32.7 8 5 4 5 5 7 5 93.5 94.2 96.2 96.2 99999 9.56 9.56 #: 9.56 ii. 1 **OBSERVATIONS:** 76.0 87.5 87.5 88.5 89.5 90.66 94.2 96.2 96.2 96.6 97.6 98.0 98.9 9.66 9.66 9.66 9.66 s 82.7 83.1 84.2 85.7 S. ULCISAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE / HAC -L. 86 STATICN NUMBER: 912450 83.1 83.4 84.2 85.7 87.5 88.3 88.3 89.1 96.0 97.0 97.4 76.0 93.4 94.1 95.7 95.7 98.2 98.7 98.7 98.7 98.7 96.7 98.7 98.7 98.7 9 , GF, NUMBER OF GE 10 92.2 80.3 84.9 84.9 85.3 88.8 89.6 90.7 74.2 81.1 81.7 92.8 64.3 90.7 90.7 91.3 91.7 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 0 20000 1 1,40001 6000 100001 90001 80001 5000 35.00 2500 | 2000 | 1800 | 1500 1 1000 900 600 1007 500 H 2001 16000 10027 4000 CEIL CEILING 10TAL FEE T Z 0 20223 3 5 5 G G 'n **ひらってり** 百日日日日 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	C C C C C C C C C C					ì	1			- 1			HONTH	1 00 1	OURS	:	- 006		
CELL 13.6 74.1			•	•	:		:		VISI	ILITY-	:2	## H	5		:	•	•	•	:
CELL 73.6 74.1	1,000 11,00 12,0	IN FEE I	병적	Fi	u s	33		9E	i w	6E 1 1/2	9	u i	6E 3∕4	6E 5/8	GE 1/2	6E 5/16	1/4 1/4	w	
CELL 73.6 74.1	Control Cont	•						•	• • • •	•	•	•	•	:					
Second S	14 15 15 15 15 15 15 15	CE	73.	;	*	÷					-				3	74.1	3	3	
	16,000 11.7 82.8 82.8	N	81.	82	2	117	12	i~	2	2	2.	2	10	2	10		2.	N	
	14000 31.5 84.5	~	81.	N	2.	V	N	N	2	2	2	2	N	2	N	• 1	2	∾ (
1,000 85.5 86.0		٠,	61.	N :	2 :		Ni	N :	å.	i.	2 :		NI	'n.	N :	•	~	(1)	
Section Sect	Second St. Sec.		84.	\$	• •		4.0	7.0			9	86.0	7 0	• •	; ;		- 6	5 0	
1000 1000	Second 17.1 Second 17.2 Second 17.			 - -	١,	Ţ	١,	- 1		- 1	- 10	١,	- 10	- 1	- 1	- 1	- 1	- 10	
SCOO 87.1 90.1 90.4	Course St. 1 Course St. 2 Course St. 2 Course St. 3 Cour	900	; ;	38 38 5 5		Ø. 03					** • • •							20 CD	
10.00 87.2 90.2 90.6 91.6 90.6	1000 87.7 91.2 91.5	8 50		90.1		ڻ ا					0		10	0		1 •	4.06	4.06	
5000 91.5 91.6 <td< td=""><td>\$\text{600} \text{1} \text{91.5} \text{95.1} \text{95.2} 95.</td><td>703</td><td>-</td><td>90.2</td><td>å</td><td>٠.</td><td>•</td><td>•</td><td>6)</td><td>•1</td><td></td><td>•</td><td></td><td>0</td><td>6</td><td>•</td><td>90.0</td><td>Qj.</td><td></td></td<>	\$\text{600} \text{1} \text{91.5} \text{95.1} \text{95.2} 95.	703	-	90.2	å	٠.	•	•	6)	•1		•		0	6	•	90.0	Qj.	
5000 91.5 95.1 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.2 96.2 <th< td=""><td> Secondary 1, Sec</td><td>9</td><td></td><td>91.0</td><td>:</td><td>.</td><td></td><td>•</td><td>•</td><td>•</td><td>~</td><td>-</td><td>~</td><td>=</td><td>=</td><td>•</td><td>91.5</td><td>~</td><td></td></th<>	Secondary 1, Sec	9		91.0	:	.		•	•	•	~	-	~	=	=	•	91.5	~	
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ION NUMB	AC Ather Service/Mac	/HAC	a	EKCENIAGE	FREQ	UENCY OF FROM	1	OCCURRENCE OF HOURLY OBSERV	CEIL IN	VG VERSUS		VISIBILITY			
EILING	: 912	15 05%	ON NAM	HAK	ISLAN					a .	0F 0C	RECORD: 77 T HOURS	D: 77-86 HOURS (LST):	1200-1400	00
1						*	ISIBILITY	IN STATUTE	UTE MILE						••••••
FEET 1 SE	E 6	6 6E	ม ³ ,		2/1/2	6	1 1/2	1 1/4	I 1	57.4 37.4	9/5 2/8	6E 1/2	5/16	1/4	GE 0
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CE 20000 83. GE 18000 83.	0 83 4 83 83 83 83 83 83 83 83 83 83 83 83 83	ŧ	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
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E 140001 86	36	eo a	9 0 0		ه. ف	دا م	90.0	9	86.6	9.98	90.98	96.6	86.6	86.6	86.6
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80001 90	1 92	0 92) i (V	2	: .	92.2	9000	A C. O	900	8004	90.06	90.8	8006	900	90.8
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ce 4000 95. G 3500 95.	76 U	4 97	0 0 0 0	0.86	0.86	98.0	3.86	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
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18001 95	86	3 98	1.56	. 0	NO	2.00	99.1	100	1.66	1.66	99.1	99.1	99.1	99.1	99.1
15001 95	7 98	.66 9	5.56		1-66	8.66	9.66	8.66	6.66	6.66	7.66	7.66	2.66	2.66	2.66
1200 62	_	• 66 9	5.56	2.66	. 0	99.8	9.66	8-66	100-0	100.0	100.0	100.0	100.0	100.0	100.0
6£ 10001 95.	7 98	. ما	5	1.66	1.66	8.66	8.66	9.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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Cas Cas	STATION NUMBER	••	912450 S	STATION	NAME:	HAKE	ISLAND					PERIOD HONTH:	١٣	OCT HOUR	0: 77-86 HOURS (LST):	1500-1700	7.00
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1500 95.6 97.7 97.8 97.9			•	۰	11	8 . 7 6	97.8	97.8	97.8	97.8	97.8	97.8	•	97.8	97.8	16	97.8
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	TOTAL NUMBE	96	FRVATIO	2 X	111		!									• • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

GE GE GE GE GE GE GE GE GE GE GE 100.0 98.9 6.66 6.66 99.99 0.001 6.06 91.2 91.5 91.5 96.9 97.6 98.4 98.6 98.6 6.66 a 72.1 1.88 100.0 86.5 PERIOD OF RECORD: 77-86 HOMIN: OCT HOURS(LST): 1800-2000 91.2 91.5 91.5 84.7 84.7 85.4 86.5 6.06 96.9 97.6 98.4 98.6 98.8 98.9 6.66 6.66 6.66 6.66 100.0 100.0 100.0 100.0 100.0 100.0 1/4 72.1 100.0 98.9 5/16 72.1 84.7 85.4 86.5 90.9 91.5 91.5 92.6 96.9 97.6 98.4 98.6 98.6 6.66 1000.0 6E 1/2 84.2 84.7 85.4 86.5 90.9 91.2 91.5 91.5 96.9 97.6 98.4 98.6 98.8 98.9 99.99 99.99 99.99 72.1 91.5 91.5 92.6 96.9 97.6 98.6 98.6 98.9 99.99 99.99 6.66 5/8 72.1 84.7 84.7 85.4 86.5 98.6 6.06 3/4 96.9 97.6 98.4 98.6 99.99 99.99 99.9 84.7 84.7 85.4 86.5 90.9 91.2 91.5 91.5 98.6 98.9 99.9 72.1 6.66 98.6 84.7 84.7 85.4 86.5 96.9 97.6 98.4 98.6 99.99 99.99 99.99 99.99 99.99 99.99 72.1 90.9 91.2 91.5 91.5 6.66 1/4 84.7 84.7 85.4 86.5 90.9 91.2 91.5 91.5 96.9 97.6 98.4 98.6 98.6 98.8 98.9 6.66 6.66 6.66 6.66 99.9 6.66 72.1 1/2 91.2 91.5 91.5 92.6 96.9 97.6 98.4 98.6 98.9 99.9 6.66 99.99 99.9 6.66 72.1 84.7 85.4 86.5 ~ 72.1 84.7 85.4 85.4 90.9 91.2 91.5 91.5 96.9 97.6 98.4 98.6 98.66 6.66 6 66 99.9 6.66 WAKE ISLAND 96.9 97.6 98.4 98.6 98.6 98.8 99.9 99.8 99.8 99.8 99.8 6E 1/2 72.1 99.8 84.7 84.7 85.4 86.5 91.5 91.5 92.6 92.6 999.8 999.8 999.8 8.66 8.66 72.1 m 90.9 91.2 91.5 91.5 96.9 97.6 98.4 98.6 999.8 999.8 999.8 99.8 00 STATION NAME: ! 838 72.1 84.2 96.7 98.2 98.3 98.3 98.3 98.6 98.7 99.5 95.5 95.5 99.5 \$°56 3.56 95.56 95.5 95.5 5.56 # **OBSERVATIONS:** 99.3 84.2 85.4 910.2 96.7 98.2 98.3 98.3 98.3 99.3 F 66 99.3 99.3 99.3 U) 88.1 95.6 STATICH NUMBER: 912450 ı 91.2 91.5 91.5 96.4 97.1 97.9 98.0 98.0 98.2 98.3 98.8 98.8 98.8 98.8 9 84.7 84.7 85.4 86.5 95.6 93.8 98.8 98 • 8 98 • 6 98 • 6 98 • 8 98 • 8 98 • 8 72.1 GE NUMPER OF 13 13 71.0 83.1 83.5 84.2 85.3 89.68 69.7 89.7 90.7 94.5 95.2 95.2 95.3 95.5 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 92.6 40.4 95.1 95.6 86. 100001 95001 80001 75001 0 23000 L 160001 5000 H 1000 500 400 300 200 100 14000 3500 2500 | 1500 800 700 600 12r00 0004 1800 CE IL ING NO CEIL FEET TOTAL 4 5555 95959 ر د د 3 3 S 22222 3 3 3 3 3 3 3 3 3 3 3 3 Ę.

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	STATION	NUMBER:	912450	STATION	AA	MAKE	I SL AND					PERIOD O	۳ 0	RECORD: 77-86 T HOURS(LST)		2100-2300	9
- •							•	VISIB	VISIBILITY	IN STATUTE	STE HILE	2		:	:		
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·	FEE T	07	٥	- 2	-	M	2 1/2	7	7/1					l •	1.	1.	
	NO CEIL	1 75.8	79.0	79.6	1.27	- 1-er	79.1	79.1	19.1	19.1	79.1	19.1	79.1	19.1	19.1	79.1	19.1
	-	4	1.0	3	v.	85.0	85.0	85.0	85.0	9.5.0	85.0	85.0	85.0	85.0	65.0	85.0	85.0
_	CE 18000	81.		85.1	8 5 • 2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	15.2	85.2	85.2	85.2	2 k
- '	7		85.8	•	יו נשי	85.9	85.9	85.9	85.9	87-0	85.9	87.0	87.0	62.0	87.0	87.0	87.0
	6E 12000	2 2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	8
!	•	,			0.10	0.10	91.0		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	UE 10000	o 20 	8.06	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	6
-		•93	91.5	•	~	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.0	71.0) • 1 6 0 1 6	91.6
	UE 7000	æ 	916	91.7		91.8	91.8	91.8	91.6	- 1	91.0	71.0	0 7 6	0.20	0.70		0.7.0
	2E 6000	1 87.	ယ္	92.	~1	93.0	93.0	93.0	93.0	93.0	93.0	y3.0	•	D. C.	7300		
	S	_	96		10	١.	6.96	6.96	L OD I	6.96	6.96	6.96	6.96	96.9	96.9	96.9	96
	3		96	٠	97.3	97.3	97.3	97.3	97.3	97.3	97.5	9/03	2163	2000	98.7	98.3	08
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	הני אפר ניב אפר	9.16 100	86		71.5	99.3	99.3	99.3	10	99.3	99.3	99.3	99.3	99.3	99.3	99.3	66
1	,	1	100	0 00	0	- 1 (3.00	3.66	4-66	4.66	99.4	4.66	4.66	4.66	4.66	4.66	4.66
	735 CF 236	3001 91-7		• •	5.56	4.66		99.4	89.4	9.66	4-66	99.4	4.66	4.66	99.4	4.66	6
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	ui.	01 91.8	98.9	7.66	8.56	6.66	6.66	6.66	6.66	0.00	7001	100.0	1001		7	2007	}

USAFETAC AIR WEAT	HER SER	TAC Eather Servicē/Māc "					E 0	HOURLY GBSERV	OBSERVI	ATIONS							
STATION NUMBER	NUMBER:	912450	STATION NAME	NAME:	KAKE	ISLAND						9	RECORD: 77-8	٥			
	1				1	- (14	200	5	HOURS		ALL.		
CEILING			•				VISIB	>	IN STATUT	L.	2						
21		()	GE	G.E.	GE.	35	99	39	9	95	6£.	GE.	GE	99	6E	99	
EET		, 9	S	3	M	2 1/2	2	1 1/2	1 1/4		:	5/8	2/1	5/16	1/4		
					})	,										
NO CEIL	1 73.1	74.6	74.8	74.8	8-62	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
~	18.0	2	2	2	2	82.9	82.9	82.9	A2.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
6E 140C0	81.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
-	81	ň	m	m	M	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
-	82	85.	ŝ.	٠. دانۍ	s) S)	85.1	85.1		122	65.1	85.1	100	1.00	1.58	65.	1908	
	æ ≈	Ġ	•	•	•	86.6	86.6	9.0	9.09	30.0	0	0	•	0	0	•	
-	86.		6	10		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
0E 9000	86.5	. 0	89.5	85.6	89.6	9.68	89.6		89.6	89.6	9.6	89.6	89.6	89.6	89.6	9.68	
æ	87.	ċ	.	0		90.5	90.5	5006	90.5	90.5	90.5	80.5	5 06	90.5	90.5	\$0.6	
_	67.		å	J	•	90-06	•	90.06	9006	9006	90.06	1.06	7.06	7-06	2.06	7.06	
9	88.	-	ä	-		91.8	91.6	91.8	91.8	91.8	91.8	61.6	91.9	91.9	91.9	91.9	
		- 1		- 1		- 1									,		
in :	16	95.6	ŝ.	s,	96.0	œ٠	96	96.0	96.0	96.0	96	96.0	2 0	200	200	96.0	
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* ^	22.	٥	٠,		61.6	07.6	97.6	97.6	97.6	97.6	91.6	97.6	97.6	97.6	97.6	97.6	
6E 3000	95.6	97.3	97.7	4.14	98.0	96.0	98.0	98-0	98.0	98.0	98.0	0.86	98.0	98.0	98.0	98.0	
	:	:			- 1												
(4)	92.	٠	-	D)	٠	98.1	1.86	98-1	98.1	98-1	98.1	98-1	98-1	98.1	98.1	96.1	
	25	٠	S	20:3	• '	200	9.00	40.0	200	78.0	70.00	70.0	7000	78.0	70.0	0.00	
٠.	2 6		•		٠	70.0	7 60		900	7 00		7.00	7.00	200	7.00	2.00	
0E 1200	93.4	98.6	99.3	5.56	2.66	1.66	2.66	99.7	7.60	8-66	99.6		8.66	8.66	8.66	9.66	
						•	•		١.	•							
of 1000	93.	98.1	6	3	8.66	8.66	8.66	8.66	8.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	
	93.	8	•	;	•	99.8	6 1	99.8	99.8	6666	99.9		100.0	100-0	100.0	100.0	
909	# · · · · · · · · · · · · · · · · · · ·	7.86	99.3	9.56	8.66	90.00	•	8.66	0.00	0.00	60.60	6	8	100.0	0.001	0.00	
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un.	93.		0	9.56	99.66	99.6	8.66	99.8	10	6.66		8	100.0	100.0	100.0	100.0	
5.5 4.00	93.4	98.1	M . 00	9.56		9.66	9.66	9.66	99.8	6.66	6.66	100.0	100	100.0	100.0	100.0	
(14	93.	•		9-56		99.8	8.66	i •	10	6.66	6.66	90	100.0	100.0	100.0	100.0	
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-	93.	٠	6	٠,	•	9.56	1	8.66	8.66	6.66	6.66	100.0	100.0	ו ממים	100.0	100.0	
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TOTAL NU	NUMPER OF	OBSERVATION	TIONS	C 44 C													
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99.8 99.8 100.0 100.0 77.5 77.8 78.8 79.0 89.3 91.6 95.2 96.0 97.8 98.2 98.2 99.2 0.00 82.5 82.6 83.0 83.4 100.0 76.3 84.1 97.1 0000-0500 0.00 100.0 99.8 99.8 100.0 100.0 100.0 100.0 100.0 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 89.3 91.6 95.2 96.0 97.8 98.2 98.2 99.2 174 174 99.8 100.0 PERIOD OF RECORD: 77-86 HOWTH: NOV HOURS(LST): 6E 5/16 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 84.1 89.3 91.6 95.2 96.0 97.8 98.2 98.2 99.2 100.0 99.8 99.8 100.0 100.0 6E 1/2 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 84.1 89.3 91.6 95.2 96.0 97 - 8 98 - 2 98 - 2 99 - 2 100.0 100.0 PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS 76.3 77.5 77.8 78.8 779.0 82.5 82.6 83.0 83.4 89.3 91.6 95.2 96.0 97.8 98.2 99.2 99.8 100.0 100.0 100.0 0.00 5/8 100.0 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 76.3 89.3 91.6 95.2 96.0 0.00 GE 3/4 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 91.8 98.2 99.2 99.4 99.8 99.8 100.0 100.0 62.5 62.6 83.0 83.4 100.0 100.0 100.0 100.0 76.3 77.5 77.8 78.6 79.0 89.3 91.6 95.2 96.0 97.8 100.0 99.8 99.8 100.0 100.0 100.0 100.0 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 89.3 91.6 95.2 96.0 97.8 98.2 99.2 99.8 100.0 1 1/4 99.6 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 89.3 91.6 95.2 96.0 97.8 98.2 98.2 0.001 100.0 1 1/2 99.8 99.8 100.0 100.0 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 63.4 89.3 91.6 95.2 96.0 97.8 98.2 98.2 99.2 0.000 100.0 WAKE ISLAND 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 89.3 91.6 95.2 96.0 99.8 100.0 100.0 100.0 1000 1000 1000 1000 1000 1000 100.0 1/2 97.8 98.2 99.2 ~ 99.8 100.0 100.0 1000.0 76.3 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 89.3 95.2 95.2 97.1 97.89.2 100.0 STATION NAME: 25.7 6.56 6.56 6.56 6.56 77.5 6.56 6.56 6.56 6.56 82.6 83.0 83.0 83.4 91.6 97.7 98.1 96.1 99.1 6.56 4 OBSERVATIONS: 77.5 77.8 78.8 79.0 82.5 82.6 83.0 83.4 89.3 91.6 95.2 95.9 4.66 4.66 4.66 s 97.8 97.8 97.8 98.7 4.66 4.66 76.3 SE GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE / MAC GE STATION NUMBER: 912450 97.9 77.5 77.6 78.8 79.0 82.5 82.6 83.0 83.4 89.0 91.2 94.3 94.9 96.5 96.5 97.4 97.7 97.9 97.9 97.9 97.9 97.9 9 76.3 NUMBER OF GE 10 75.0 75.1 75.4 75.6 80.3 81.4 83.4 84.0 84.5 84.9 85.3 85.3 85.3 70.4 1.49 6.43 65 100001 8 1001 7 1001 20000 | 18000 | 16000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 \$5000 4 \$500 4 \$600 3 \$600 3 \$000 3 \$000 5 25000 2000 1500 1500 1700 10001 1007 1007 1007 \$000 300 300 2001 0 12000 CE IL ING CEIL FEE 1 FOTAL o 22222 50000 3 2 3 3 3 1000 mm ď

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY PERCENTAGE ı OLOBAL CLIMATOLOGY BRANCH USAFETAC . IR WEATHER SERVICE/MAC ----

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0.300-0500			6t 1/4		75.9	16.1	200	77.9	19.2	81.0	81.2	2 - C	82.4	89.5	91.0	96.6	98.3	98.8	99.5	5 66	3	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0			
77-86	. :		6E 5/16	•	75.9	76.7		77.9	79.2	81.0	81.2	20 € 20 € 20 €	20	89.5				- 1 4	99.5	66	100.0	100.0	100	100.0	100.0	1 00.0	100.0	100.0	100.0	100.0	000			
RECORD: 77			GE 1/2		75.9	76.7	7.67	77.9	2.61	81.0	~	81.6	82.4	89.5	0 10	9.96	98.3	l cc	99.5	5.66	3	100.0	0001	100.0	100.0	100.0	1000.0	100.0	100.0	100.0	100	•		
OF NO			5/8		75.9		1667	77.9		81.0	81.2	3	3	89.5		م ه	m	- 1 (99.5	5.66	100-0	100.0	100	8	100.0	100.0	100.0	8	100.0	100.0	100.0			
PERIOD .	•	S	5E 3/4		15.9	76.7	19.66	77.9	19.2	81.0	81.2	81.8	1 0	89.5	9 100	9.96	98.3	98.8	99.5	66	100.0	100.0	100.0	88	8	100.0	100.0	8	0	100.0	100.0			
		UTE	6E 1	•	75.9	76.7	• 1	77.9	19.2		81.2	81.8	• •	10.	2016	96.6	98.3	98.8	99.5	66	8	8	100.0	38	100.0	100.0	100.0		100.0	100.0	0.00			
		N	1 1/4		75.9	٠ د	1001	17.9	19.2	-	81.2		2	69.5	2016	٠, ٠	8	8	•	66	•	100.0	100.0	100.0	100.0	100.0	160.0	18	•	100.0	105.			
		B 1.L	6E 1 1/2	•	75.9	76.7	• 1	77.9	19.2	81.0	81.2	9 . 6	1 0	89.5	2016	96.6	98.3	98.8	99.5	66	90	0-001	100.0	000	0	100.0	100.0	100.0	100.0	100.0	100.0			
		→!	GE 2		75.9	76.7	1001	17.9	2.61	⊢	7	81.8	82.4	89.5	0 0	9.96	98.3	8.89	99.5		0	8	100.0	38	100.0	100.0	100.0	38	100.0	100.0	0.00			
ISLAND			6E 2 1/2		75.9	76.7		77.9			• [81.6	82.4	89.5	-	96.60	30	یا		99.5	•	ċ	80 ° 0	. 6	6	œ.	8.00	6			66			
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		,	ев 5		75.9		• -	77.8	6	' 🖰	***		82.3	6		96.5	7	ď	80	98.9	•		99.2		6	·	99.2		•	6	89.2	SERVATIONS		
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OTAL NIMER OF ORCEDUATIONS.	26 U.99 4.79 U.84 10	9.9	9.9	9.9 100.	100-0	0	6	0.001	0.001
OTAL NUMBER OF OBSERVATIONS: 750				•••••				•	
	OTAL NUMBER OF OBSERVATIONS: 794								

GLUGAL CLIMATOLOGY BRANCH PERCENTAGE FREQUE
USAFETAC
AIR WFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

100.0 1000.0 89.6 91.0 95.4 96.1 99.99 97.6 97.6 98.3 99.4 6.66 100.00 100.0 89.6 91.0 95.4 96.1 97.0 97.6 98.3 99.4 99.99 00000 89.6 91.0 95.4 96.1 97.0 97.6 98.3 99.4 99.9 100.0 100.0 100.0 100.0 100.0 99.99 89.6 91.0 96.1 97.0 97.6 98.3 99.4 100.0 100.0 89.6 91.0 95.4 96.1 98.3 6.66 100.0 1.96 100.0 100.0 100.0 100.0 89.6 91.0 95.4 96.1 97.6 97.6 99.4 99.9 100.0 100.0 100.0 100.0 100.0 97.0 97.6 98.3 99.4 99.9 100-0 89.6 91.0 95.4 96.1 6.66 89.6 91.0 95.4 96.1 97.0 97.6 98.3 99.99 99.99 99.99 99.99 99.99 99.99 6.66 6.66 6.66 6.66 6.66 6.66 6.66 6.66 99.6 91.0 95.4 96.1 97.0 97.6 98.3 99.4 6.66 6.66 6.66 6.66 6.66 6.66 60.66 89.6 91.0 95.4 96.1 97.0 97.6 98.3 99.4 89.6 91.0 95.4 96.1 97.0 98.3 99.3 8.66 89.6 91.0 95.4 96.1 97.0 97.6 98.3 99.3 999 B 8.66 2.56 95.2 95.2 95.2 95.2 2.56 2.56 2.56 2.56 2.56 2.56 2.56 89.3 90.8 95.1 95.9 96.4 96.6 97.6 97.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 6.86 6.86 98.5 98.9 98.4 89.3 90.8 95.0 95.8 96.5 96.8 97.5 98.3 98. 98. 98. 98. 98. 98. 98 98 98 98 98 96 96 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 85.8 86.8 90.0 90.0 90.0 91.0 91.6 91.9 92.0 40001 35001 30001 _ 25500 | 2000 | 1500 | 1500 | 1200 | 900 900 700 100 400 | 300 | 300 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 5000 P

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OBSERVATIONS:

TOTAL NUMPER OF

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2 2 2 5 2 2 2 2 5 2 2 2 2 5 2

10000

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH USAFLTAC AIR WFATHER SERVICE/MAC

SE			•				*****	•••••			******			*********
د س						ILITY	IN STATU	<u>u</u>	S					
:	66 5 -	Ć. F	39	2,1/2	2 2 2	GE 1 1/2	1 1/4	99	5E 3/4	6E 5/8	5E 1/2	5/16	3E 1/4	OE O
			•	•						•				•
	4.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
76.9	76.9		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
77.7		٠,٠		7.17	77.77	● 4	٠ ۲	• •	• •	77.77	77.7	•! •	• •	7.17
78.2	•	IJ	80 1	78.2	78.2	• •	• 00	•	•	78.2	78.2		• 1	78.2
80•3	•	ن	ò	80.3	80.3	80.3	80.3	•	80.3	80.3	80,3	80.3	80.3	80.3
2.9 8	0.	13	2	2	IN.	82.9	82.9	2	82.9	2	82.9	82.9	2	2
83.1 8	m:	m' :	m.	m,	M:	83.1	mi:	'n	'n.	mla	m,	• 1	m,	m :
£0 × 5 × 5 × 5 × 5 × 5 × 5 × 5 × 5 × 5 ×	3 3	3 × 0	D * 4	0 t 4 0		3 * 6	20 cc	3 × 3) · ;	D * * * * *) * 4 5 6	• •	
8 85.2 8	5.2	85.2	S		85.2	85.2	2	2	2	S	S		· iu	S
4 01.7				9,10	- 1 -		-	- 1 -	ļ.	- -		- 1 (- 1-
9 93.2 9	. M . M	93.3	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2 96.3 9	•	9	•	96.5	9	6	9		•	9	9			9
6 5 96	•	ᄬ.	9	96.7	9	٥	٩I	• 1	\$	96.7	•	•	•	9
97.1 9	7.	~	-	97.4	97.4	97.4	91.4	4.16	4.16	91.4	4-16	•		97.4
7 97.2 9	1:	97.5			h		97.5		97.5	97.5	97.5	97.5	97.5	~
2 97.7 9	.	0.96	6)	98.0	60 .i∈		8	• !		98.0	•	98.0	• 1	න (
A 4 50	20 a	7.00	0	7.96		•	200	•		7.86	•	7.96	•	0
4 98.7 9	0	5.56	4-66	4.66	99.5	0 0		99.5	99.5	99.5	9.66	9.66	9.66	9.66
96.7		J		* 66	- 1 •		10	1 •	99.5	6	9.66	9.66		6
6 1.86 4	•	3	ò	* 66	•		0	•	ċ	ċ			•	6
6 68.7 9	6	5.5	0	4.66	•	6	0	•	6	•	•		9*66	6
6 1.36 4.		2.56	7.66	3.66	99.5	99.5	99.5	99.5	99.5	99.5	9.66	92.6	• •	93.66
1 0 7	١,	د	lo	4 00	3 00	٥	10	- 1	900	3,00	7 00	9.00	4.00	ło
6 2.86 4.	. m . 6	99.3	4.66	**66	6.66	99.00	99.9	66	6.66	: :	100.0	100.0	Ö	100.0
6 1.85 4.	6	,	O.	4.66	6.66	•	0		6.66	6 66	8	00	00	Ö
6 1.86 4.	•	5	0	4.66	•	6	•	•	6.66	6		100.0		0
6 2.86 4.	è	د	•	**66	•	6.66	•	l •	•	6.66	100.0	100.0	9	0
. 4 98.T	9.3	95.3	4.66	4.66	6.66	6.66	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0

• L	ATION NI	NUMPLR:	912450	STATION	IN NAME:	: WAKE	ISLAND					PER100	PERIOD OF RECORD: MONTH: NOV HO	ORD: 77	0: 77-86 HOURS (1.ST):	1500-1700	00
י	E IL IRG			•				VISIE	VISIBILITY	IN STA	HIL	ES			•		
₩ L	27	GE.	GE	GE	CE		6E	66	6E 1 1/2	95 1 1/4	GE ,	2¢	6£ 5/8	GE 1/2	GE 5/16	GE 1/4	0 E
					•			•							•		
0.2	CEIL !	70.5	70.8	70.8	7(•6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	10.8	8.07	70.8	10.8	70.8
	200001	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
וענ	100091	in:	* # 1	• •		74.0	0.4	0.47	74.0	u	34.	74.0	r ar u	74.0	74.0	. At R	74.0
ט ט ה ר	130001	76.5		17.4	U .	77.4	77.4) I	77.4	77.4	17.4	11.4	17.4	4.4	4.6	4:4	77.4
3	100001	٠.		0	1-0			80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
ر ان ان	81 00 1	70.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2)
G.	10007	Ö		-	8	•'		81.6	-	81.8	81.8	-	81.8	81.8	81.8	81.8	-4
J H	10019	:	•	2.5	80	•		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	~
ائدا ت	10005	87.3	89.9	100	LJ (l •	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	0004	91.5	\$ - 4°	95.3	95.3	95.3		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	• 1 •	95.3
, L.	35001	91.9		2	()			92.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
3	3000	92.2	•	•	.	•		9.96	9.96	96.6	96.6	96.6	96.6	9.96	9.96	9.96	9.96
ساسا د د	20001	92.3	95.96	9.96	96.6	96.8	96.8	96.8 97.5	96.8	96.8 97.5	96.8 97.5	96.8	96.8	96.8	96.8	96.8 97.5	96.8 97.5
w i	18001	93.2	6.96		~	1.6		97.9	1 .	100	97.9	97.9	97.9	97.9	97.9	97.9	6.26
2 C	12001	93.7	98.1		9 5 4 5	99.5	-! -	99.5			99.5	. 6	8.66	- 56 66	99.5		b
				o	7 30	9 00	- 1	9 00	9 00	lo	- 1	8.00	8 00	- 1 -	8.00	900	8.66
3 7	1006	'n			9-56	8.66		8.66	99.8	99.8	99.8	99.8	99.8		99.8	99.8	99.8
3 5	PC0	93.7	98.3	5 6 6	9-56	α 0 α	8.00	8.66	8.66	0	6.66	6.66	6.66	6.66	6.66	6.66	6.66
 	6001	'n			9.56			99.6	99.8			10			. i .	6.66	6
70,	00.3	93.7	98.3	100	9.56	8.66	8.96	8.66	99.8	8.66	6.66	6.66	6.66	6.66	6.99	6.66	99.99
با با 2 5	100	93.7		0.00	0.00	00.8	8.00	6066	99.99	• •	3 2	100.0	200	100.0	100.0	100.0	100.0
ب ن د	1002	, m		. 6		9.66		6.66	6.66		100.0	100.0	100.0	100 • 0	100.0	100.0	100.0
ب د	1001	93.7	.	6	5	9.66	•	0	6.66	6.66	100.0	100.0	8	100.0	100.0	100.0	100.0
CE	10	43.7	98.3	99.5	9.56	8.66	99.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0

•	۰	1 L	>		:												
	_	NUMBER	91245	STATI	STATION RAME	T WAKE	ISLAND					PERIOD	D OF RECORD:	7 8	7-86	1800.2	2000
. J 	E 1L 11.6	• 1	:					VISI	ISIBILITY	IN STATUTE		S					
	FEET			ָ : פֿי	جو نيا د	GE 3	GE 2 1/2	GE 2	GE I 1/2		GE 1	1	6E 5/8	65	GE	6E	GE
• .		: ,												:	1:		
2 . 	, د	67.	•	70.1	75.1	70-1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
		70.		72.9	72.9	72.9	2.	72.9	72.9] (/) 14	72.9	72.9	, •		72.9	72.9	2
3	6E 16000	707	73.3	73.5	M T	73.5	73.5	m =	73.5	73.5		73.5	73.5	73.5	73.5	73.5	73.5
د ا	uE 12000	72.		76.C	16	76.0	9	76.0	76.9	٠ و	• •	76.0	•) •		76.0	74.4	و اج
33	07	74.5	77.9	78.0	76-1	78-1		78.1		1000		78.1	78.1	78.1	78.1	78.1	
ш u	E 81.00	75.				79.1	79.1	• •		• •		79.1	79.1	• 4	78.1	78.1	78.1
ייי נ ניייני		76.	80.5	•	75.68	79.8	•	0	6	*	79.8	19.8	79.8	79.8	79.8	79.8	79.87
;	,	,	• ;	•	a	\$ n. 8	80.4	80.4	# O 8	8 D • 4	80.4	87.4			80.4	80.4	80.4
	1000s 1	83.D	87.5	87.7		87.8	P C	87.8	87.8	67.8	87.8	87.8		87.8		87.8	1
ٔ دَ	J	88	•		s w	95.6	. r	905.6	906		4.06	\$0.00	•	4.06	900	90.4	3
ふ こ	5500	88 0		10.1	95.9		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.6	95.6	95.0	95.6
,	,	• •	•	:	-	•	~	97.2	97.2	~	_	97.2		97.2	2.16	97.2	
ىبا ئىـ ت :	E 2500	0 0 0 0		97.5	~ 3		97.7	7.76	-	1.16	1.76	-			- 1 - 4	97.7	07.7
3	-			98.1	98.2	98.2	96.2	98.2	98.2	98.2	98.2	98.2	2.86	98.2	98.2	98.2	98.2
	1 200 E	8 -	٠	98	S.	• •	99.2	99.2	0	2.66	99.2	; ;				98.2	98.2
š ,	•	- ·	•	•	5		•	66*2	0	99.5	99.5					99.5	99.5
ب د د	1000	90.3	•	7.66	9.56		100.0	100.0		18	100.0	100.0	100.0	100 .0	100-0	5	- 18
. O.		90.	• •		9.66	86	100		8	100.0	100.0	100.0	100.0	•	100.0	00	33
<u>.</u> د		90.3		h*66	U :	100.0	100.0	100.0	100.0	100.0	100.0	30	100.0	100.00	100.00	100.0	100.0
,			• '		۱ م	00	3-001	9	•	•	100.0	00	100.0	00	100.0	00	
3 2		8 °0's 1	98°2	# · 66	9.56	100.0	100-0	00	100.0	101	100.0	100	100.0	100.0	0000	100.0	00
J .		806	•	D .	· Or	100.0	100	100.0	100.0			100.0	100.0	100.0	00.0	100.0	100.0
ن د. د د		500	•	6	9.56	100.0	8	8	100 0	00	100.0	00	100.0	100	,	1001	900
ζ.	2	•	•	•	~	100-0	100.0	00	100.0	100.0	100.0	100.0	00	100.0	00.00	100.0	100.0
שָׁ:	D	1 50.3	98.2	9.4	9.56	100.0	00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0		100
					•				• • • • • • • • • • • • • • • • • • • •							•	•
0 1	OTAL NUN	NUMILR OF	OBSERVATION	TIONS:	855	•		į									

ULUBAL CLIMATOLOGY BRANCH
USAFETAC
AIR MEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

HONTH: NOV HOURS(LST): 2100-2300

SE GE GE GE GE FF FF FF ALES 78.3 8.61 81.9 82.6 83.4 83.4 100.00 100.0 0.00 100.0 91.3 93.2 96.1 1:16 97.7 98.1 98.2 99.3 81.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 77.7 78.3 78.9 78.9 81.7 81.9 82.6 83.4 91.3 93.2 96.1 96.7 76.4 97.7 98.1 99.3 99.5 100.0 100.0 100.0 10000 77.7 78.3 78.9 78.9 81.7 81.9 82.6 83.4 76.4 91.3 93.2 96.1 96.7 97.7 98.1 98.2 99.3 76.4 0.00.00 100.0 100.0 100.0 100.0 77.7 78.3 78.9 78.9 81.7 81.9 82.6 83.4 97.7 98.1 98.2 99.3 91.3 93.2 96.1 96.7 100.0 77.7 9/S 100.001 0.0001 76.4 81.7 81.9 82.6 83.4 91.3 93.2 96.1 96.7 97.7 98.1 99.3 99.5 100.0 83.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 76.4 78.3 8-61 81.7 81.9 82.6 83.4 83.7 91.3 93.2 96.1 96.7 97.7 98.1 99.2 99.3 100.0 1000 0 1000 0 100 0 100 0 100.0 100.0 100.0 100.0 76.4 77.7 78.3 78.9 79.8 81.7 81.9 82.6 83.4 91.3 93.2 96.1 96.7 97.7 98.1 98.2 99.3 100.0 100.0 100.0 100.0 100.0 1000.0 777-7 78-3 78-9 78-9 81.7 81.9 82.6 83.4 100.0 91.3 96.1 97.7 98.1 98.2 99.3 1/4 83.7 16.4 100.0 0.001 76.4 77.7 78.3 78.9 78.9 81.7 81.9 82.6 83.4 100.0 100.0 100.0 91.3 96-1 96-7 97-7 97.7 98.1 98.2 99.3 100.0 1 1/2 0001 77.7 78.3 78.9 78.9 0.0001 76.4 81.7 81.9 82.6 83.4 91.3 93.2 96.1 96.7 97.7 ~ 83.7 97-7 98-1 98-2 99-3 100.0 100.00 100.00 100.00 100.00 1/2 76.4 77.7 78.3 78.9 79.8 81.7 81.9 82.6 83.4 83.7 91.3 93.2 96.1 96.7 97.7 98.1 98.2 99.3 100.0 ~ 100.0 100.0 100.0 100.0 10000 76.4 m 77.7 78.3 78.9 78.9 81.7 81.9 82.6 83.4 91.3 93.2 96.1 97.7 98.1 98.2 99.3 100.0 7.16 76.4 77-7 76.3 76.9 76.9 81.7 81.9 82.6 83.4 98.2 6.56 6.56 6.56 6.56 6.66 6.46 5.56 91.3 93.2 96.1 91.1 7.7 95.5 6.56 3 6.66 6.56 76.4 ωl 81.7 81.9 82.6 83.4 77.7 78.3 78.9 78.9 83.7 91.3 93.2 96.1 96.7 97.7 98.1 98.2 99.3 4.66 99°E 99°E 99°E 99.0 3.66 3.66 8.66 8.66 STATION NUMPLR: 912450 77.77 78.3 78.9 78.9 98.6 38.6 98.3 811.7 81.9 82.6 83.4 90.8 92.7 95.6 96.1 98.6 98 °6 98 °6 98 °6 98.6 9 76.4 97.1 97.4 97.5 98.3 98.6 98.6 10 69.5 70.4 71.0 71.6 71.6 73.6 73.7 74.0 74.6 52.1 82.6 83.2 222020 88888 88888 80.1 81.1 83.8 - 100.001 20000 18000 140001 100.18 76001 9 10 0 1 4 5 0 0 1 4 700 1 35 60 1 25001 1:00 10001 P00 75.0 400 400 300 200 16000 3500 2000 1200 00' 12000 ເນ 0009 1807 100 CE IL ING NO CETE 32033 35555 بيا د. 35553 2 2 2 2 2 2 C C C C

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OF DESERVATIONS:

NUMFER

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AIR	ŭ	AC						FROM	HOURLY	OBSERV	ATIONS						
	ű	ER SERV	ERVICE / MAC	U													
STA	N NOIL	UMBER:	912450	STATION	NAME	: WAKE	ISLAND					PERIOD HONTH	OF RE	CORD: 77-8 HOURS (L	-86 (LST):	ALL	
	LING		•		•	•	•	HISIA	BILITY	 AT	UTE MILE	•	•••••	:		••••	• • • • • •
⊷	1 134	, J	95	6r	6F	GE	6E 2 172	٦	6E	39 -		6E 374	6E 578	6E 172	6E 5/16	6E 174	GE D
								•									
0.2	CE IL	6.69	73.3	73.3	73.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
ا سا 5 د	ກລວ	· 📫 (S	ហេប	ı,	75.3	75.3	lin u	N n	75.3	75.3	I VO U			75.3	Su
2 2 7 m	55	in		6 9	u a	و ا	n o	76.1	ni 👁	76.1	76.1	n o	0 0	76.1	و ا	6.5	0
3 3 F U	14000 12000	72.7	76.5	76.6.	78.5	76.6	76.6	78.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
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ب د ة	3 0		•	90	إد د	å	80.5	80.5	80.5		: :	ם כ	• •) O	80.5		3
in i	8000	<u>.</u>	: .		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
3 1 1 1	10039	77.2		82.3	ને (/)	82.4	82.4	82.4	82.4	4 0		-1 CV	• •	4l (V	82.4	2	- 2
	5000	์ ค่ะ	0	0~	- C	89.9	89.9	89.9	8-	0 -		6-		6.		6	3.
υω:)):	4 000	87.2	95.2	95.6	9.5.6	95.6	• 00	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
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w w	2000	& &	9 -	7.	~ a	÷ 8	97.6		- 6	97.6	97.6				97.6	•	97.6
1 W W	15001	90	97.3	0.86	98.5	98.3	98.3	98.3		98.3	98.3	98.3	98.3	98.3	98.3	92.3	98.3
: W	12001	8.0	8		من إ	0	99.5			9.66		ıl 🕳			9.66	1 4	9.66
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, L., L.) .5 .	800	88.9	2.86	- m - 66	9.66	8 66	8 6 6	• •	6.66	0	6.66	6.66	99.9	6.66	6.66	6.66	6.66
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. O.E.	300		· •	. 6	. •	10	6	6.66	6			100.0	100.0	8	8	100.0	100.0
با ليا د د	1001	a 20	* *	99.3	9.56	8.66	8.66	6.66	6.66	6666			100.0		100.0	100.0	100.0
·	10	68.9	98.3	99.3	9.56	99.8	99.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0

		USAFETAC AIR WEATH	IFR SER	LIAC WEATHER SERVICE/HÄC					2	NOURL! OBS		2001							
		NOIIV	UMBER:		STATIO	n ame	HAKE	H					RIOD	OF BE	ORD: 77 HOURS	44	0000-05		
		E 1L I 76				'		:		<u>-</u>	. ×	JTE HILL	S	•	•			•	•
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10,000 7,00	18000 70.5 76.5 76.6 76.7	20	6	19	1.9	4	76.7	76.7	7.97	l •	76.7	76.7	76.7	F • 1		760.7	166.7	76.7	
1,000 08 76.9 77.7 77.1	1,000 1,00	18	٠,	÷ ,	76.	7.0	76.7	76.7	76.7	76.7	16.1	1997	1997	199	76.7	100	100	1.97	
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10000 71.5 77.5 77.7 77.6 77.8	10000 70.5 77.5 77.7 77.6 77.8	(4	•	•	7.	-		17.1	77.1	11.11	-	77.1	77.1	11.11	77.1	1:11	1:11	17:11	
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10 19 19 19 19 19 19 19	1000 170.0 68.3 88.4 88.5 88.5 88.5 88.5 88.5 88.5 88.5	5	m		1.2			81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
10 10 10 10 10 10 10 10	4500 77:0 89.7 90.0 90.1 90.1 90.1 90.1 90.1 90.1 90.1		,		١,	13	- 1	3 00	9 0 0	3 a	a	2 00	RASS	RACE	AA S	28.5	2.89	88.5	
10 11 11 12 12 13 14 15 14 15 14 15 14 15 14 15 15	4(10) 61,4 94,6 94,2 94,2 94,3 94,3 94,3 94,3 94,3 94,3 94,3 94,3	ייבר שנ	26.	• •		, .,		90.1	90.1	90.1	90.1	90.1	90.1	90.1	1.06	90.1	90.1	90.1	
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1700 83.8 98.4 99.0 95.2 99.3 99.5	1700 83.8 98.4 99.0 95.2 99.3 99.5	, <u> </u>	'n) co	• (0.66	0.66	0.66	99.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
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11/20 63.8 98.4 99.5	11/10 63.8 98.4 99.2 99.4 99.5	~	ň	•	9.0	C.	•	99.3	(O)	۰	6	99.3	6	99•3	•	99•3	99.3	99.3	
Sign Sign	800 63.8 96.5 99.3 99.9 100.0	~	63		50	ن جن		99.5	99.5	99.5	0 0	99.5	99.5		100	99.5	99.5	99.5	
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300 63.8 98.5 99.3 95.9 100.0	300 63.8 98.5 99.3 95.9 100.0		63.			100	00	100.0	88	100.0	100.0	88	100.0	100.0	188	100.0	100.0	100.0	
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130 63.8 98.5 99.3 99.9 100.0	130 63.8 98.5 99.3 95.9 100.0		2 0		•		100	100.0	80	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
01 83.8 98.5 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	01 83.8 98.5 99.3 99.9 100.0 1		63.	•	6	6.4	100	100.0	,00	100.0	100.0	100.0	100.0	100.0	100.0	00	100.0	100.0	
	OTAL NUMBER OF OPSERVATIONS: P73	0	83.8	98.5	99.3	6.56	100		8	100.0	100.0	100.0	100-0	100.0	100.0]⊶•	100.0	100.0	
	OF OPSERVATIONS: 97			•	,				:1				1	1	1				

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ULUBAL CLIMATOLOGY BRANCH USAFLTAC AIR AFATHER SERVICE / MAC

PLRCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FLOW FIGHT OBSERVATIONS

	ئائىنىڭ ا	أمسنم	ئىنىڭ ئ		<u>;</u>	ř <u>·</u>			· ·		Ť	~ ~]	· ·	•	Ï			,		-	ı.	ر.: ا	ï	•	j	i ·	<u>ئ</u> ي: ا	ij		-	ĺ
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	300-0500		1/4	:	73.8	75.2	, N	5	•	76-1	. اه	76.2		1	٠.	٥	95.1		98.0	6	6			٠ ا د ا د	0.00	00	100.0	00	00	ė	100.0	
	-86 (LST): 0		6E 5/16	:	73.8	75.2	75.2	75.7	75.8	76.1	76.1	76.2	77.5		-00	0 1	95.1		98.0	0	0	4.66	6.66	7 (0.00		100.00	00	8	100.0	100.0	
	RO: 77 HOURS	•	6E 1/2		73.8	75.2	75.2	75.7	75.8	76.1	76.1	76.2	77.5		\$	6 6	95.1	-	98°0	6	•	h*66	6.66	9 6	100.00	00	100.0	8	8	100.0	100.0	
	OF RECO : DEC	• • • • • •	6E 5/8		73.8	75.2	75.2	75.7	75.8	76.1	76.1	76.2	77.5		\$	0 ~	05.1		98.0			•		9.0	8 8		100 -0			00	100.0	
	PERIOD MONTH	5	6E 3/4	:	73.8	ış u	75.2	S	•	76.1	76.1	76.2	77.5		96	O, P	95.1	•	98.6	6		6	6.66	6	9	100.0	100.0	00	00	100.0	100.0	
		UTE HILE	95		73.8	75.2	75.2	15.7	75 - 8	76.1	•	76.2	77.5				95.1	-	98.0		4 66	6	6	١,	00.00	• •	100-0	00	•		100-0	
		IN STATE	6E		73.8	IVI	75.2	- vŋ	S	76.1	76.1	76.2	77.5	.	9	0	95.1	-	98.6	6		•		6.66	0.001	100.0	100-0	00	0	00	100.0	
		1117	99		73.8	100	75.2	S	75.8	76.1	76.1	76.2	77.5			0 1	95.1	-	98.0	0	4.66	•	6	66	9 8	100.0	1000-0	100	100.0	100.6	100.0	
		VICIB	144		73.8	lın ı	75.2	S LO	75.8	76.1	76.1	76.2	77.5		9	10 P	95.1	-	98.0	. 0	0	0	6.66	66	80	100.0	100.0	9	00	100-0	100.0	ļ
	ISLAND		6E		73.8	75.2		Š	Š	l 🐼	9	76.2	o 1~		9		95.1	-	98.0	•	6	0	6	66	9 6	10000	100.0	000	100	100	100.0	
	HAKE		GE		73.8	5.	75.2	· w	75.	9	3	76.2	0 ~		9	20 •	95.3		98.6	•	0	0		66	100.	100.0	100.0	0.00	00	0.00	100.0	
	TION NAME		CE	:	73.0	8	7.57	5.7	75.4	9	9	76.2	9 ~	٠ ا	÷.	ນໍາ	^ 0	97.	0.36		٠,	,	3	66	သူ (၁)	1001	101.00	70.70	1 U		100.0	
د	STA		96			75.2	יי נוֹי	5.7	5.8	9	• 9	76.2	• •	:	•	* * C	95.0	1.	98.0		•	•	6	66	900	100.0	100.0	000	00	00	100.0	
VICE/NA	912450		95		•	. 0		Ś	ທ	6	•	76.2	• •	;	9	20 •	95.0	7	97.6		8	· œ	6.85	œ.	e cont	96.9	98	30	80	æ	98.9	
H X VER	NUMBLR:		CF.	` :	9.49	66.		99	1 06.	1 66.	66.	90	67.	• •	74.	72.	2 6	79.	80.1	609	81.	81.	1 31.	81.		81.1	8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	81.	81.	81.	61.1	
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PERCENTAGE FREGUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WLATHER SERVICE/MAC

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800
VISIBILITY IN STATUTE MILES 100.00 97.6 97.6 98.3 99.6 85.3 87.1 93.8 94.0 71.9 73.8 100.0 0 6.69 75.4 100.0 1000.0 73.7 73.8 74.3 74.3 85.3 87.1 93.8 94.0 6.69 7.17 97.6 97.6 98.3 99.6 000 1/4 100.0 100.0 100.0 100.0 100.0 10000 100.0 6.69 71.7 73.7 85.3 87.1 93.8 94.0 97.6 98.3 100.0 5/16 75.4 100.0 100.0 100.0 100.0 GE 1/2 6.69 93.8 97.6 97.6 98.3 99.6 71.9 73.7 74.3 74.3 75.4 11.11 100.0 100.0 0.001 6E 578 6.69 73.7 74.3 74.3 75.4 85.3 87.1 93.8 94.0 97.6 97.6 98.3 99.6 100.0 100.0 71.9 7.17 97.6 97.6 98.3 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 3/4 69.69 711.7 73.774.374.375.4 85.3 93.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6.69 72.2 85.3 87.1 93.8 94.0 97.6 97.6 98.3 99.6 00.0 73.7 74.3 74.3 1.17 100.0 100.0 100.0 100.0 100.0 93.8 94.0 97.6 97.6 98.3 99.6 100.0 100.0 711.7 73.774.3 85.3 100.0 6.69 1 1/4 100.0 100.0 100.0 100.0 100.0 97.6 97.6 98.3 99.6 100.0 6.69 71.7 73.7 85.3 87.1 93.8 94.0 71.7 (E) 85.3 87.1 93.8 94.0 97.6 97.6 98.3 99.5 6.66 6.66 6.69 71.77 71.7 71.7 71.9 72.2 73.8 74.3 74.3 75.4 1/2 6.69 71.7 73.774.3 85.3 87.1 93.8 94.0 97.6 97.6 98.3 99.5 6.66 6.66 6.66 6.66 6.66 99.99 ~ 6.69 85.3 87.1 93.8 94.0 97.6 97.6 98.3 99.5 6.66 99.99 711.7 73.7 6°66 66°66 6°66 99.9 STATION NAME: 6.59 85.3 87.1 93.8 94.0 711.7 97.6 97.6 98.1 99.4 8 6 6 8 6 6 8 6 6 9.66 9.66 9.56 9.56 9.56 8°56 8°56 ŧ 8.69 97.5 97.5 98.6 99.3 71.6 71.6 71.6 71.8 9.66 9.66 99.66 73.5 74.2 74.2 75.3 85.2 87.0 93.7 93.9 9.66 S) i U STATION NUMBER: 912450 71.6 85.U 86.7 93.3 96.6 97.1 97.1 98.8 99.8 98.8 98.8 98.8 98.8 98.8 98.8 96.8 73.5 93.5 98.4 9 3.69 GE 88.0 88.0 888 888 888 889 9 68.0 88.0 10 88.0 88.0 88.0 88.0 65.5 69.6 4.07 78.0 79.8 65.0 85.2 66.8 87.2 87.2 87.6 67.1 67.1 67.6 68.9 69.1 GE 20002 180001 16505 ງບວງຂ 5001 2001 10006 9000 7 00 1 100034 3500 | 3000 2500 20001 1 coo | 1 2 u o | 10001 1003 7301 400 300 12000 1800 6000 4000 CE 1L ING CE IL FEL T í F G G G G 94446 F F F F F F - u u u u u

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WFATHER SERVICE/MAC ***

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	. 00	•	, o	•	72.5	199	16.1	7.91	(0.3	10.5	76.8	76.9	77.0	77.5	80.7	40.5	91.7	95.3	98.6	97.1	4.16	98.1	98.3	68.66	6.66	6.66	6.66	100:0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1200-1400		0E 1 ∕4		72.5	76.1	76.1	76.2	16.3	16.5	76.8	76.9	17.0	11.5	80.7	2.00	91.7	95.3	98.6	97.1	97.4	98.1	98.3	6	6.66	6.66	6666	100:0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	-86 (LST):	•	GE 5/16		72.5	199	76.1	76.2	10.5	76.3	76.8	16.9	77.0	11.5	80.7	90	91.7	95.3	S	97.1	97.4	98.1	98.3	6-66	6.66	6.66	6.66	100.0	100.0	100.00	100.0	100.0	100.0	100.0	100.0	100.0	
	URS URS	•	6E 1/2		72.5	16.1	76.1	76.2	16.5	76.3	76.8	16.9	77.0	17.5	80.7	A 0 5	91.7	95.3	92.6	97.1	4.16	98.1	98.3	6.66	6.66	6.66	66.66	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100.0	•	
	OF RECORD:		6E 5/8		72.5	1.9/	76.1	2.91	76.5	76.3	16.8	4.91	77.0	77.5	80.7	208	91.7	95.3	95.6	97.1	97.4	98.1	98.3	60.66	6.66	6.66	66.66	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100.0	100 • 0	
•	PERIOD MONTH:	:	GE 3∕4		72.5	16.1	16.1	16.2	76.3	. 16.3	76.8	4.91	77.0	11.5	80.7	2 0 8	91.7	95.3	92.6	97.1	97.4	98.1	98.3	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		TE HILE	6E 1		72.5	16.1	76.1	76.2	76.3	76.3	76.8	76.9	77.0	77.5	80.7	40.5	91.7	95.3	95.6	97.1	97.4	98.1	98.3	┏,	6.66	6.66	66.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	
		IN STATUTE	6E 1 1/4		72.5	165.1	16.1	76.2	•	76.3	76.8	4.91	77.0	11.5	80.7	2 0 8	91.7	95.3	95.6	97.1	97.4	98.1	98.3	6.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100-0	
		SIBILITY	6E 1 1/2		72.5	76.1	76.1	76.2	76.3	76.3	76.8	16.9	77.0	77.5	80.7	9	91.7	95.3	95.6	97.1	97.4	98.1	98.3	9	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		VISIE	GE 2		12.5	76.1	76.1	76.2	76.3	76.3	76.8	76.9	17.0	77.5	80.7	a	91.7	•	N.	~	4.16	98.1	98.3	•	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100	100-0	100.0	
	ISLAND		GE 2 1/2	;	72.5	76.1	76.1	76.2	٠	76.3	76.8	16.9	77.0	77.5	80.7	3 00	91.7	95.3	95.6	97.1	4.16		98-3	•	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	1001	100.0	100.0	100.0	
	# WAKE		GE 3		72.4	76.0	7	76-3	76.2	76.2	9	76.8	•	~	Ö	ło	91.6	S	S	-	-	98.0	œ	0	0	10	8-66	0	0	Φ.	0	6.66	0	0	0	0	•
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	STATION		. GE		72.4	.9	76.0	76.1	ġ	•	9	76.8	•	-	0	ا	7 - 10		ŝ	-	-	98.0	8	6	6	٠	3.66	6	6	66	1	8.66	6	ċ	88.	66	•
VI (C) 11V	912450	_	6. 6. 6. 6.	•	72.4	•	•	76.1	ģ	•	•	76.8	•	7.	÷	Ċ	010	Š	Ś	•	,	97.9	8	ċ	6	•	66	÷	6	6	6	99.3	•	ċ	5.3		
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TOTAL NUMPER OF OBSERVATIONS:

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92.3 94.2 97.0 97.7 0 77.5 81.1 81.3 81.3 81.8 82.7 82.7 82.7 83.3 1000 0 1000 0 1000 0 1000 0 98.4 98.7 98.7 99.5 100.0 PERIOD OF RECORD: 77-86 MONIH: DEC HOURS(LSI): 1500-1700 100.0 100.0 100.0 100.0 100.0 100.0 100.0 77.5 82.7 82.7 82.7 83.3 85.3 92.3 94.2 97.0 97.7 98.4 98.7 98.7 99.5 6E 1/4 81.1 81.3 81.8 81.8 100.0 100.0 100.0 100.0 77.5 100.0 100.0 100.0 100.0 GE 5/16 81.1 81.1 81.3 81.8 82.7 82.7 82.7 83.3 92.3 94.2 97.0 97.7 98.7 98.7 99.5 99.5 0.001 100 · 0 100 · 0 100 · 0 100 · 0 77.5 92.3 94.2 97.0 GE 1/2 81.1 81.3 81.8 81.8 82.7 82.7 82.7 83.3 85.3 98.2 98.4 98.7 98.7 99.5 100.0 PERCENTAGE FRELUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS 100 · 0 100 · 0 100 · 0 100 · 0 100.0 100.0 100.0 100.0 92.3 94.2 97.0 97.7 77.5 98.4 98.7 99.5 99.5 GE 5/8 81.1 81.3 81.8 82.1 82.7 82.7 82.7 83.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5E 374 77.5 82.7 83.3 85.3 92.3 94.2 97.0 97.7 98.7 98.7 98.7 99.5 61.1 81.3 81.3 81.8 82.7 82.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 82.7 82.7 82.7 83.3 92.3 94.2 97.0 97.7 7.86 7.86 7.86 7.66 77.5 81.1 81.1 81.3 81.8 100.0 1000.0 1000.0 1000.0 1000.0 92.3 94.2 97.0 97.7 1000-0 1000-0 1000-0 1000-0 82.7 83.3 65.3 98.4 98.7 98.7 99.5 81.1 81.3 82.1 82.7 82.7 1:00.0 1 1/4 100.0 100.0 100.0 100.0 77.5 100.0 100.0 100.0 100.0 81.9 81.3 82.1 82.7 82.7 82.7 83.3 92.3 99.2 97.0 97.7 100.0 1 1/2 98.4 98.7 100 0 100 0 100 0 100 0 100 0 100.0 10000 ~ 77.5 81.1 81.3 82.1 82.7 82.7 82.7 83.3 92.3 94.2 97.0 97.7 98.4 98.7 98.7 99.5 77.5 81.1 81.3 81.8 82.1 82.7 82.7 82.7 82.7 83.3 92.3 94.2 97.0 97.7 98.4 98.7 99.5 99.5 6.66 6.66 6.66 STATION NAME: WAKE ISLAN 2 1/2 6.66 77.5 81.0 81.0 82.0 82.0 82.0 82.7 82.7 82.7 83.3 92.3 97.0 97.7 98.2 98.4 98.7 99.5 6.66 6.66 6.66 GE 855 77.5 81.1 81.3 81.8 82.1 92.5 92.5 97.7 98.5 2.56 3 7.86 4.86 98.7 20.00 20.00 20.00 20.00 20.00 20.00 1 ſ OBSERVATIONS: 77.5 81.1 81.1 81.3 81.8 82.7 82.7 82.7 83.3 92.2 96.8 97.5 98.1 98.2 99. 99. 99. 99. 99. 99. S Ş 9 .66 AIR AEATHER SERVICE/MAC STATION NUMBER: 912455 99.3 77.5 82.7 82.7 82.7 83.3 92.0 93.9 96.7 97.4 99.3 • 81.1 81.3 81.3 98.4 99.3 GE 6 SE 10 76.5 79.5 79.5 79.8 80.2 80.6 61.2 61.2 81.2 81.8 83.6 89.9 91.7 93.9 94.6 95.3 95.8 95.8 95.8 96.3 96.0 96.0 96.0 96.0 96.0 96.0 96.0 0.96 NUMPER _ _ 0 180001 140001 10038 75001 \$5000 4500 4500 3500 3600 25.00 1500 | 1500 | 1200 | 10001 800 J 10006 003 200 | 200 | CE 11 CE 1L 11'6 FEET TOTAL Ä 9 444444 7 2 3 3 3 2 2 2 2 2 2 M 11 M 11 M 11 M S. 355 ññ 10000

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WLATHER SENVICE, MAC

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IN		GE 6	39	ن آد 4	GE 3	6E 2 1/2	6E 2	6E 1 1/2	6£ 1 1/4	6£ 1	3/4	6E 5/8	6E 1/2	6E 5/16	6E 1/4	្ន ភ្
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NO CEIL	L 1 75.4	1.61	79.5	75.2	79.2	79.2	19.2	19.2	79.2	79.2	19.2	19.2	79.2	79.2	19.2	7.61
E 2011	17.	81.0	-			-	1:				-	•		81.1	81.1	ieis
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10	01 79	. 5	2.	N	IN		2	82.5	2	82.5	2	2	2	82.5	82.5	N
	8/ 10	82.4	82.5	82.5	2.	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
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CL SOCI	00 P.5.4	. 🗖	4.06	LU 6	h • 06	9006	\$°06	4.06	9006	# · 06	9006	4.06	h 06	4.06	9000	90.4
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	1 92.	6	6	0 C	00	100.0	00	00	CO	•	•		•	. •	90	100.0
í.	01 52.0	0.66	3.65	101.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

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	00	•	GE	0	•	80.3	-	-	1.	81.8	2.	2	82.0	2	2	*	6	91.3	•	95.6		1 .	•	986	66	100.0	90	o	9	d	00	8	3	100.0		90	100		
	2100-2300	•••••	6 E	1/4	•	80+3	:	81.2	٠	81.8	•	13	82.0	2	2.			91.3		95.6			•	98.6	99	•	90	100.0	9	100.0	100.0	00	100.0	ė,	0001	.	100.0		***************************************
	ST):	• • • •	6E	\$/16	•	80.3	-	~	81.4	81.8	82.0	10	82.0	2	2	84.4		91.3	2.46	اہ	•	97.5	• •		99.	100.0	00	8	8	• 1	00	100.0	8	100.0	3	•	100.0		
];	KECURU: 11-8 C HOURS (L		99	1/2	•	80.3	~	_	~	81.8	2	1	82.0	~	82.6	84.4	90.5	91.3	94.7	95.6	97.3	~	6 0 i		6	100.0	18	8	100.0	8	8	100.0	밁	100.0	3 8	100.0	100.0		
	5 0	• • • • • •	9E		• • • • • •	80.3	٠	81.2		81.8	•	1	82.0	82.5	2	;	i •	91.3	•	95.6		1:	98.1	•	•	100.0		•,	8		100.0	100.0	8	0.001	•!	100.0	100.0	•	
	MONTH	:	GE	3/4	• • • • • •	80.3	-	1:	1.	81.8	•	1	82.0	2	2.	•	1 .	•	7.46	• i		1.		98.6	99.	.	100.0	ď	8	å	100.0	00	100.0	0.001	2001	100.0	100.0		
		ERIL	95	-		80.3	:			81.8		1	82.0	82.5	82.6	3-48	1 •	91.3	•	95.6	-	97.5	98.1	98.6	66	100.0	100.0	100.0	100.0	100.0	8	8	8	100.0	3,8	100.0	100.0		
		IN STATUTE	95	1 1/4		40.3	-	41.2	٠	81.8		14	42.0	2	•	*	0	91.3	;	95.6	-	1:	• i	9	•;	100.0	100.0	ç.	100.0	100.0	00	00	3	100.0	100-0	0	100.0		
		YTIT!	95	1 1/2	• • • • •	80.3	-	-	*4	81.8	~	82.0	82.11	82.5	82.6	;	6	-	٠	95.6	~	-	98.1		7-66	100.0	10000	0	100.0	100.0	100.0	ŀå	8	0.001	•; 5:6	å	100-0		
		VISIB	GE	2		80.3	-	-	~	81.8	~	10	82.0	~	N	*	10		*	95.6	.		98.1	98.6	6	100.0	8	8	100.0	ġ.	00	90	8	0-001	3.6				
10	ISCAND		SE CE	2 1/2		80.3	1.	-	-	81.8	Š	12	82.0	2	•	;		•'	1.46	٠	•	1:	98.1	98.6	1.66	100-0	8	00	100		100.0		00	000	•	•	100.0		,
1	. ·		GE.	8		80.3	-	61.2	-	81.8	~	10	82.0	N	N	3	90.5	•	7.46	S	-	97.5	98.1	98.6	7.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	0.001	100.0		• · • ·	
	AME		GE	*	•	8.0.3	-	~	_	81.8	8	1 \	9.2.0	'V	N	3	U	-	1.46	J)	-	-	96.1	98.4	95.3	J.	5	7	1.56	ъ	3	· S	S.	** 5 6	, م	ъ	•		913
			9	^		80.3		81.2		81.8	3	2	82.0	2	2.	;	6	-	94.5	Š	•	97.3	•	98.2	٠		99.3		99.3	•	•	÷	•	96.3	•	•	65	÷,	ATIONS:
	912450		֡֝֟֝֟֝֟֝֟֝֟֝֟ ֭֓֞֞֞֞֞֞֞֞֞֞֞֞֞֞֞֞֞֞֞֓֞	9	•	80.2		•	•	81.7	81.	. 18	81.9	• •	2	•	90.1	•	2.46	٠	•	9.96	•		•	•	•	٠	9.96	•	•	9.86	٠	9.86	٠	•	98.6		OBSERVATION
	VUMBER:			13		1 73.1	•	÷	*	9.42	89	, 3	74.8	75.	1 75.	16.	61.	81.	3	82.	- 56.	99 1	-9a	8 8 9 8	87.	a7.	в7.	87.	8 7	67.	. L :	7		67.3	٠,	•	67,3		HEER OF
	STALLON NUMBER:	CEILING	121	ree 1	•	0 CE 1L	N		1600	_	1200	0001		8 (-)		9			0004			'	(A		~	~	-		6.00			•,	J	300	•	-	C.		IOTAL NUMBER
,	n	• 5		_	•	ž	3	3	3	3	.) !J	-	u C	3	5	3	7	.5	.) .)	ច	3	3	3	ζ. L	3	J	.5	3	ر د	ว	3	3	3	3	<u>.</u> د	3		; ;	<u>-</u>

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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* 1 A 1 1 O. N. 118 B. P. 212 450	a de se se se se se se se se se se se se se	012450	STATIO	STATION LAME:	VAKE	ISLAND					PERI 00	OF RECORD:	RD: 11-86	98			T
				,							ET.		S	573:	ALL		
CF IL ING	•	•	•		•		VISIE	SIBILITY	IN STATU	STATUTE MILE	s	•	:			•	_
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			•														1
NO CE 1	6.07	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75-1	75.1	75.1	75.1	75.1	75.1	75.1	
1.E 20000	1 72.		77.0	100	77.1	17.1	77.1	77.1	17.1	11:11	1:1	1:1	17.1	13.6	75.1	1:1	
သ	72	77.0	77.0	~	77.1	77.1	77.1	17.1	77.1	77.1	17.1	77.1	77.1	77.1	17.1	77.1	Ī
JE 1600	72.		77.1	77.2	77.2	17.2	77.2	11.2	17.2	11.2	17.2	77.2	17.2	77.2	77.2	77.2	
± .	73.	•	77.5	~	77.5	77.6	17.6	17.6	77.6	77.6	77.6	41.6	9.1.	9	9	11.6	Ī
of. 12000	73.	•	17.8	~	17.8	77.8	77.8	8	8.77	8.11	8 - 1 - 18	8.	8.	2	0.1	0.77	
7	13.	, ao		3	80	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.3	Î
3	13.	8	ø	ند	8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
(.f erug	_	78.6	78.6	~	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
7	74.	60	0.62	• 1	ای	79.0	79.0	79.0	19.0	*	79.0	79.0	19.0	79.0	79.0	79.0	
၁	16.	•	0	8 L.	ė	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.6	
ın	82		00	120	8	88.8	i •	88.8	68.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	Ϊ
6E 4503	83.9	7.06	. w	9.76	9.06	9006	9.06	9.06	906	9.06	9.06	90.06	9.06	90.06	9006	90.06	
#	e7.		•	3			6.46	6-46	*	6.46		6. 46	6.46	6.46	6.46	6.46	
M	87.	•	3.5	S	S	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	Ì
M	68.	•	7•3	26	-	•	97.4	97.4	9.26	97.4	97.4	97.4	97.4	97.4	97.4	** 1 6	
~	88	7	7.	1	1	1.16	7.76	97.7	97.7	7.16	7.16	1.16	97.7	1.16	7.16	97.7	Ī
6E 2000	89.2	1.16	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
_	1 69.	8	8	B	œ	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	986	98.6	ĺ
~	.69	8	6	ţ	ċ	90.66	0	9.66		•	90.66	90.66	90.66	9.66	6	0	-
	85°	æ	ċ	Ġ	6	9.66	8.66	8.66	8.66	8.66	8.66	8.66	8 66	8-66	8.66	8.66	
3.5	503	J 06		وا	0,00	0.00	0.00	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66	Ī
9 0		0.66	30.66	8.56	6.66	6.66		6.66	6.66		6.66	•	6.66	6.66	6.66	6.66	
a	1 69.	99.66	6	0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
_	1 69.	0.66	Ò	,	100.0	100.0	100.0	8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
•	89.	0.66	0	Š	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	
100	68	17.66	0	10		100.0	100.0	100.0	166.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Ī
00 4 30	α _	7.66	9.66	R. 56	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	88.	o	o	~	00	100.0	100.0	0.001	100.0	100.0	100.0	100:0	100.0	100.0	100.0	100.0	
	1 89°	0.66	O.		•	100.0		100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Ī
	89	•	0	ъ		1 30 • 0	100.0	100.0	100-0	100.0	100.0	0 001	100.0	0.001	100.0	100.0	
CE 0	1 89	0.6	9.66	-56	0	-	1 .	00.0	0	100	100.0	100.0	100.0	100.0	100.0	100.0	Ī
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TOTAL NUMPER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCUPAENCE OF CEILING VERSUS VISIBILITY PERCENTIONS

ALL PERIOD OF RECORD: 77-86 MONTH: ALL HOURS(LST): STATICH NIMBER: 912450 STATION NAME: MAKE ISLAND

				i :	4						HONTH	ALL	HOURS (L	LST):	ALL	
CFILING	•	•		•			VISIE	VISIBILI-Y 1	IN STATU	TE MILE	S			•	:	• • • • • • • • • • • • • • • • • • • •
1 2	1 326	9.5	2	1.5	35	5.6	9				99	9	u	GF	95	95
F.E.T			,		, ~	2 1/2	٦~	1 1/2	1 1/4	, -	3/8	5/8	1/2	5/16	1/4	, c
		•				1:							• • • • • •			•••••••
						i i			- 1							- 1
NO CETL	1 70.9	73		73.7	73.7	73.7	73.8	73.8	\$".7 2	73.8	73.8	73.8	73.8	73.8	73.8	73.8
0007 3	31 76.	79	79.1			79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
800	31 76	79	6	7.5.4	79.5	79.5	79.5	19.6	19.6	79.6	19.6	19.6	19.6	19.6	19.6	79.6
E 1600	31 76.	19.	6	Ç	•	19.8	6.61	6.61	40.61	6.61	6.61	6.61	6.61	6.64	19.9	6.61
E 1450	;	80.	O	8.C.7		80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	•	80.9
E 1200	79.	81.	-	8 1	•	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	70.	ì		1~		2.78	7 2 8	1 7 8	7.7.4	7.78	٦		2 2 2	2.70	2 2 8	1 18
4	79.	• •	, . , M	1 1	•	7	4000	4	2 4 4	9 6			7	97.8	3 4 5	3 4 6
0000 30		20.00	١ 3	- 3 60	200	84.	At 2	84.2	200	84.2	84.2		84.3	84.3	84.3	84.3
	80.			. 4		34.6	84.7	84.7		84.7		14.7	84.7	84.7	84.7	84.7
	81.	•	85.	₹3	Ś	85.7	85.8	85.8	S	85.8		85.8	85.8	85.8	85.8	85.8
9	. 70	5	.	١.	-					5			7 .0		2 4 6	2 10
20100	000	ָרָ מי	T • T • C • C	T = 1 0	, ,	7.16	7.16	7 7 6 0	71.0	71.0	02.6	71.0	71.0	7.00	7	41.0
* 7	0 0	7,0	•	v v	1	92.5	7 20	76.0	76.0	96.7	7 20	76.0	96.7	76.0	7.30	76.0
· ×	200			١.		100	70	96	6 4 9	06.70	96	0.40		66.0	0 7 0	04.7
, ,		•	9 6	٦'、	•' 9 r		100	70.5	7000	7000	7002	70.0	200	70.00	2002	7005
า	, 2	96	٠	ا د	:	0.16	77.1	97.1	7.16	91.1	7.01	97.1	97.1	97-1	7.76	97.1
r.i	06	• 96		-	-	97.3	97.4	97.4	97.4	4.16			4.76	97.4	4.76	4.76
(4	90.	97.	-	~	00	98.1	98.2	98.2	98.2	98.2	98.2	•	98.2	98.2	98.2	98.2
UE 1800	5.06 10	46	91.5	90.0	98.2	96.2	98.3	98.3	98,3	98	9-86	98.4	98.4	98.4	98.4	4.86
~	- 90	98	8	30	•	2.66	99.3	99.3	99.3	99.3	99.3	99,3	99.3	99.3	99.3	99.3
-	05 -	98.	98.	(A)	0	4.66	5*66	9.66	9.66	9.66	9*66	9.66	90.66	9*66		9.66
~	6		1	1,5		9-66	99.66	8.00	99.8		6-66	60.66	99.9	6.66	99.9	6.66
	90.	8		ů		98.6	8-66	99.8	8.66	99.9	6.66	6.66	66.66	6.66	6.66	6.66
909 30	90.	98.2	99.1	65.3	9.66	1.66	8666	6.66	6.66	6.66	6.66	6-66	6.66	6.66	6.66	6*66
	90.	8	9.1	Ġ		1.66	6.66	6.66	0	•		6.66	100.0	0.00	100.0	100.0
	90.		9.1	3	T-66	1.66	6.66	6.66	6.66	6*66		6* 66	100.0	l	100.0	100.0
ഹ	1 50.	98.2	99.1	5		1.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	1	100.0	100.0
3	1 90.			,	6	1.66	66.66	66.66	6 66	100.0	100.0	100.0	100.0	00.0	100.0	100.0
6E 200	8.04 [•		66.3	1.66	1.66	6.66	6.66	6.66	100.0	100.0	100-0	100.0	100.0	100.0	100.0
C4	90.	•	ċ	ů	ċ	1.66	66.66	6.66	60.66	100.0	100.0	100.0	100.0		100.0	100.0
-	*00	•	•	j.	6	1.66	6.66	6.66	•	100.0	100.0	100.0	100.0	0	100.0	100.0
Ų.	•06 T	98.2		8.56	1.66	1.66	6.66	6.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•	•	• • • • • • •	• • • • • • •	•			•		•				•			••••••

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TOTAL NUMBER OF DESERVATIONS: 75211

1

TOTAL SKY COVER

FOR AIRMAYS STATIONS THE ENHACLE OF CLEAR, SCATTERED, BROKEW, OVERCAST, & OESCURED WERE USED AS IMPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED AS CONVERIND TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCRET WAS CONVENTED TO 10/10

CBOUNED WAS CONVERTED TO 10/10

STATION NUMBLR: 912450												
hours		STATION NAME: H	WAKE ISLAND				PERIOD MONTH:	4	RECORD: N	77-86		
HOURS			PERCENTAGE	FREQUENCY	0F	TENTHS OF TO	OTAL SKY	COVER		•	•••••	•
(181)	O	i !		*	8	9	7	60	6	10	MEAN	101 AL 08S
00-05	13.6	(B. 1)	47.9	1.7	1.9	1.2		2.2	11.9	11.5	4.2	892
13-05-1	16.0		49.0			.1		1.	20-1	14.7	4.8	78
1 80-97	6.9	7.2	39.6	1.6	1.5	1.2		D. 4	21.2	14.9	5.2	824
09-11	10.9	***************************************	45.6						25.1	18.3	5.5	872
12-14 1	11.7	5 • 5	39.7	2.5	1.7	1.3		3.4	19.5	14.8	5.0	880
15-17 1	13.5	. • 1	50.6						21.9	14.0	4.9	874
18-20	11.1	6 • 7	44.7	2.7	2.1		-	3.6	13.5	14.9	4.7	877
21-23 (16.1	• 1	55.1		• 1			7	15.3	13.2	サ・コ	889
TOTALS	12.7	3 • 5	46.5	1.1	6.	•		1.7	18.6	14.5	8•1	1689
NUMBER	ļ	ON NAME:	ISLA				PERIOD (F H	RECORD: B	77-86		
	•		PERCENTAGE	FREQUE	1 30	ENTHS OF TO	TAL SKY	COVER	•		• • • • • • • • • • • • • • • • • • • •	•
(LST)	- i	1 2	3	*	2	9	7	80	6	10	IJ	101AL 08S
C0-02	15.2	7.9	, 05	2-2	1.7			2.9	9.6	11.3	4.0	821
03-05	14.0	• • • • • • • • • • • • • • • • • • • •	51.2						15.4	13.0	3	713
1 80-90	9.5	D • 9	46.2	2.3	2.1	1.5		1.6	16.0	12.7	4.6	746
1 11-0-11	6.1		58.1						20.2	12.0	4.8	794
12-14	11.9	7.6	45.1	2.1	2.5	1.7		3.6	15.4	10.1	*	8 05
1 21-51	14.1		56.4						17.6	11.7	4.5	794
18-20	12.5	7.6	47.2	2.6	1.6	1.4		2.5	14.0	10.4	4.3	798
21-23	19.8	. 1	57.3	-	•	-			13.1	7.6	3.9	808

ALTION NAME: WAKE ISLAND PERIOD OF RECORD: 77-66 PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORD: 77-66 PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORD: 77-66 PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORD: 77-66 PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PERCORDIGE FREQUENCY OF TENTHS OF TOTAL SAY COVER PAGE PA	USAFETAC	BRANCE		FERCENIABL	FROM HOURL	5 ~	OBSERVATIONS	or sat coters S	۲			
STATION hame: WAME ISLAND PERCENTION NAME: WAME ISLAND STATION NAME NAME STATION NAME: WAME ISLAND STATION NAME	IR "EATHER SERVICI	E /MAC										
	TATION NUMBER: 913		ATION NAME:	w .				••	√ .	77-86		
9 11 2 3 4 5 6 7 8 9 10 HEAN 1 1 2 9 10 1 HEAN 1 1 2 9 10 1 HEAN 1 1 3 9 10 1 HEAN 1 1 3 9 10 1 HEAN 1 1 3 9 10 1 HEAN 1 1 1 9 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1				PERCENT	•	PP	0F	SKY		•	•	•
1.7 9.6 6.9 52.0 1.7 1.3 1.0 2.0 10.1 10.5 4.0 0.7 1.2 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	HOURS	.		2	*	1 1				10	MEAN	2 0
0.7 .3 60.7 .3 16.7 11.4 4.5 4.7 8.5 49.3 1.6 2.0 2.2 18.4 11.1 4.6 6.2 59.6 .1 .1 21.3 10.7 4.8 0.5 60.9 .1 .2 .2 3.6 14.3 9.6 4.4 0.5 60.5 51.0 2.1 2.0 .2 3.1 13.7 8.7 4.8 0.5 6.5 51.0 2.1 2.0 .7 13.4 13.8 10.7 4.9 0.1 4.7 6.5 51.0 2.1 1.0 8.7 8.9 10.0 4.9 0.1 4.7 6.5 5.7 1.4 15.8 10.0 4.9 1.1 2.1 1.0 1.0 1.0 1.0 4.9 2.1 1.4 5.6 7 9 9 10.0 4.9 3.1 5.5 <t< td=""><td>60-62 1</td><td>11</td><td>9.6</td><td>52.0</td><td>1.7</td><td>1.3</td><td>1.0</td><td>2</td><td>10.</td><td>10.5</td><td>u.</td><td>:</td></t<>	60-62 1	11	9.6	52.0	1.7	1.3	1.0	2	10.	10.5	u.	:
4.7 8.5 49.5 1.6 1.6 2.0 2.2 18.4 11.1 4.8 6.2 59.6 19.5 7.2 6.2 2.9 2.0 19.5 8.9 4.4 7.2 6.2 2.1 2.0 1.9 3.1 13.7 8.7 4.8 7.3 6.2 2.1 2.0 1.9 3.1 13.7 8.7 4.3 7.4 2.2 2.1 2.0 1.9 2.1 12.1 8.7 3.8 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 7.5 5.5		10.7		60.7					3 16.		4.5	7
6.2 59.6 6.1 7.0 64.6 6.1 6.4 52.4 2.9 2.0 2. 2 3.6 14.3 9.8 4.4 4 0.5 6.5 51.0 2.1 2.0 1.9 3.1 13.7 8.7 4.5 6.2 6.2 51.0 2.1 2.0 1.9 3.1 13.7 8.7 4.3 6.1 4.2 56.1 1.1 .9 .7 1.2 8 10.0 4.4 0.1 4.6 5.5 52.4 2.7 2.2 .6 1.7 2.3 9.7 12.3 4.5 8.2 6.5 52.4 2.7 2.2 2.0 15.1 14.0 12.9 4.5 8.3 15.0 12.6 4.8 8.4 15.5 5.5 52.4 2.7 2.2 2.0 15.1 14.5 14.9 8.5 6.5 52.4 2.7 2.2 2.0 15.1 14.5 14.9 8.6 6.5 52.4 2.7 2.2 2.0 15.1 14.0 12.9 4.5 8.7 6.5 52.4 2.7 2.2 2.0 15.1 14.5 14.9 8.8 15.0 12.6 4.8 8.9 4.4 4.4 8.1 13.7 8.7 12.3 4.3 8.1 13.7 8.7 12.3 4.3 8.2 15.0 12.6 4.8 8.3 15.0 12.6 4.8 8.4 15.5 15.0 12.6 4.8	1 80-90	4-7	5-8	•i	•	∙į	2.0		18	11:	8*7	80
12-14	11-60	8.2	enderfol meteodo e me	•,					210	10	4.8	862
0.5 6.5 6.5 12.0 2.1 2.0 1.9 3.1 13.7 8.7 4.5 0.5 6.5 51.0 2.1 2.0 1.9 3.1 13.7 8.7 4.3 0.1 4.L 56.1 1.1 .9 .7 1.4 15.8 10.0 4.4 0.1 4.L 56.2 1.1 1 .9 .7 1.4 15.8 10.0 4.4 0.1 1 2 3 4 5 6 7 8 9 10 HEAN 0.2 5.5 5.5 5.5 5.7 2.7 2.2 .6 2.0 15.1 14.5 4.9 0.3 64.8 64.8 65 52.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 0.4 5 52.2 3.0 2.2 1.1 3.9 15.0 12.6 4.8 0.6 6.5 6.3 1 .2 3.0 2.2 1.1 3.9 15.0 12.6 4.8	12-14.1	8 1	6.1	el.	2.9	2.0	.2	3,	14.	6	2.2	884
6.3 6.5 51.0 2.1 2.0 1.9 3.1 13.7 8.7 4.3 6.3 12.1 8.7 3.8 6.3 12.1 8.7 3.8 6.1 12.1 8.7 3.8 6.1 12.1 8.7 12.8 6.2 11.1 2 3 4 5 6 7 8 9 10 HEAN 7.5 5.5 5.5 52.4 2.7 2.2 6 2.0 15.1 14.5 4.9 8.2 6.5 52.4 2.7 2.2 6 2.0 15.1 14.5 4.9 8.1 5.2 5.2 3.0 2.2 1.1 3.9 15.0 12.6 4.8 8.2 6.5 6.3 3.0 2.2 1.1 3.9 15.0 12.6 4.8 8.4 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	15-17	10.5		60.09	4.				19.	80	ي. ع	847
62.5 12.1 8.7 3.8 61.1 4.6 12.1 8.7 3.8 51 110N NAME: WAKE ISLAND PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 77-86 1 2 3 4 5 6 7 8 9 10 HEAN 1.5 5.5 2.7 1.6 1.7 2.3 9.7 12.3 4.3 1.5 5.5 5.5 2.7 1.6 1.7 2.3 9.7 12.3 4.9 1.5 5.5 5.5 2.7 1.6 1.7 2.3 9.7 12.3 4.9 1.5 5.9 52.4 2.7 2.2 14.5 4.9 4.0 5.7 5.2 3.0 2.2 1.1 14.5 4.9 4.1 5.7 2.2 3.0 2.2 1.1 15.5 4.9 4.5 5.7 3.0 2.2 1.1 15.5 4.9 4.5 5.7 2.2 3.0 2.2 1.6 15.3 4.9	-		6.5	51.0	201	2.0	1.9	3,	7		•]	8
STATION NAME: WAKE ISLAND D 1	21-23_1_	16.3		65.9	ļ				12.1	8.	3.8	88
STATION hame: WAKE ISLAND PEP100 OF RECORD: 77-86 D 1 2 3 4 5 6 6 7 8 9 10 HEAN 7.5 5.5 5.7 1.6 1.7 2.3 9.7 12.3 4.3 8.2 6.5 52.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 8.4 6.5 6.5 52.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 8.7 64.8 1.5 5.4 2.7 2.2 1.1 3.9 15.0 12.6 4.8 8.4 6.5 6.5 6.5 3.0 2.2 1.1 3.9 15.0 12.6 4.8	TOTALS	10.1	7 %	56.1	191	6		1	4 15.	10.0	3	:
STATION hame: WAKE ISLAND PEP10D OF RECORD: 77-86 0 1 2 3 4 5 6 7 8 9 10 HEAN 7.5 5.5 5.5 2.7 1.6 1.7 2.3 9.7 12.3 4.3 8.2 .3 64.6 .1 .1 2.3 9.7 12.3 4.5 3.9 6.5 52.4 2.7 2.2 .6 7 8 9 7 12.3 4.9 3.9 6.5 52.4 2.7 2.2 .6 7 14.0 12.9 4.9 4.1 5.9 52.2 3.0 2.2 1.1 3.9 15.0 12.6 4.9 4.6 .5 .5 .5 .2 1.5 1.5 1.5 4.9		1										
HOURS LLST) LLST S	TATION NUMBER: 91		NAME:	WAKE ISLAND				PEPIOD OF MONTH:	RECORD:	77-86		
HOURS HOURS	•			٥	• 1	0F	0F	OTAL SKY				
UG-02 7.5 5.5 56.2 2.7 1.6 1.7 2.3 9.7 12.3 4.3 U3-05 8.2 .3 6.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 U6-08 3.9 6.5 52.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 U6-08 3.7 64.8 U6-11 3.7 64.8 15.0 4.9 15.0 4.9 12-14 4.1 5.9 52.2 3.0 2.2 1.1 3.9 15.0 12.6 4.8 15-17 4.6 4.6 6.3.1 2.2 1.1 3.9 15.0 15.3 4.9	HOURS	D	1			S	9			10	MEAN	TOTA
8.2 .3 64.6 .1 14.0 12.9 4.5 3.9 6.5 52.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 1 3.7 64.8 15.0 2.2 1.1 3.9 15.0 4.9 4.1 5.9 52.2 3.0 2.2 1.1 3.9 15.0 12.6 4.8 4.6 63.1 .2 1.3 4.9	ua-a2 1	7.5	5.5	56.2	2-1	1.6	1.7	2	3 9.	12.3	4.3	
3.9 6.5 52.4 2.7 2.2 .6 2.0 15.1 14.5 4.9 3.7 64.8 16.5 15.0 4.9 4.1 5.9 52.2 3.0 2.2 1.1 3.9 15.0 12.6 4.8 4.6 63.1 2.2 2.2 1.1 3.9 15.3 4.9	03-05	8 • 2	**	3 1			4		3	12	•	731
3.7 64.8 16.5 15.0 4.9 4.1 5.5 5.0 2.2 1.1 3.9 15.0 12.6 4.8 4.6 63.1 2.2 2.2 16.4 15.3 4.9	1 80-90	3.9	6.5	•	2.1	2.2	9•	2.	15.	14.	• 1	801
4.1 5.9 52.2 3.0 2.2 1.1 3.9 15.0 12.6 4.8 4.6 4.9	09-11	3.7		8 + 19					٥	15	•	85
1 4.6 .2 16.4 15.3 4.9	12-14	4.1	1	52.2	3.0	• 1	•	3,	15.	12.	•	854
	•	i		63.1	20			•	16.	15	4.9	822

107ALS | 5.5 2.5 58e8 1.5 .9 .6 1.4 14.1 14.4. 4.7 6666

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63.9

868 858

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53.3 3.0

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GLCBAL CLIMATOLOGY BRANCH USAFETAC	Y BRANC	Ŧ.		PER	CENTAGE	FREQUEN	CY OF OCURLY OBS	RCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER	OF SKY	COVER				
AIR WEATHER SERVICE / HAC	CE/MAC													
STATION NUMBER: 912450 STATION NAME: WAKE	12450	STATION	NAME:	WAKE I	ISLAND				PERIC	PERIOD OF RECORD: MONTH: MAY	CORD:	77-86		
		, .		• 4.1	CENTAGE	FREQUEN	CY OF 16	RCENIAGE FREQUENCY OF IENIHS OF TOTAL SKY COVER	TOTAL SP	Y COVER		•	TAL SKY COVER	•
HOURS 1			-	2	_ m	*	s	9	7	•	٥	10	MEAN	TOTAL
• • • • • • • • • • • • • • • • • • • •	•	• • • • • • • • • • • • • • • • • • • •	• • • • • •			• • • • • • •			•	•	•••••	••••••	• • • • • • •	••••••
LU-02 1	80	8.6. 8.L	J.		60.1	2.7	1.4	٠,3		2.5	9.6	7:1	3.8	864
13-113-1	13,	1	т.		5.49	.1				•	15.9	4.9	0.	776
1 80-90	2.0	5 - 5	un.		55.1	2.8	2.3	1.4		3.7	19.3	7.8	8	830
69-11		4.2			62.3						22.7	10.7	5.0	860
12-14. [a	4 - 2 4	4 4		52.6	3.5	2.3	1.5		3.5	17.9	10.0	6.4	877
15-17		2.3	7		63.3	2	.1			.2	22.0	11.6	5.1	810
18-20	2.9	5 · h 6 ·	5.		53.4	2.2	3.0	1.4		5.3	17.2	9.8	6.4	874

STATION NUMBER: 912450 STATION NAME:	50 STA	TION NAME:	WAKE	ISLAND				PERIOD	PERIOD OF RECORD: MONTH: JUN	ORD:	77-86		
			PER		FREQUEN	CY OF TE	NTHS OF	SCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	KY COVER			•	•
HOURS	0	-	2	m	27	۲۰	9	7	80	6	10	MEAN	TOTAL OBS
00-02	3.2	8 . 1		62.5	2-3	2.5	1.2	1.2 3.3	3.3	10.0	7.0	7.0 4.1 840	840
03-05	5.7	;	!	5-69	1.		• 1		6.3	14.6	6.6	7.7	685
36-08 [1 • 8	5 • 4		54.1	3.2	3.3	1.0		3.5	17.2	10.5	4.9	780
111-60	5.4	5		65.0						21.4	10.9	5.0	9 t 4
12-14 (1.8	6.5	1	54.6	2.8	2.2	1.1		3.6	15.9	11.6	4.9	857
15-17_1	6	7.		65.6		•3				21.6	11.8	5.1	191
18-20	9•	3.4	!	54.8	1.8	2.6	1.7		4.8	17.8	12.5	5.2	821
21-23 4	t	• 1	ı	711.7		.2			•2	16.2	7.4	2.2	823
TOTALS	2.6	3.1		62.1	1.3	1.4	9•		2.0	16.8	10.2	æ	6441

1.5

71.1

2.5

9.8

21<u>7</u>23, 1 TOTALS 1

•2

888

3.9

4.9

12,5

8.7

17.1

1.9

9

		GLOBAL CLIMATOLOGY BRANCH	BRANCH		PERCENTAGE	E FREQUENCY OF	NCY OF OC	OCCURRENCE OF	F SKY COVER				
		AIR LEATHER SERVICE/MAC	E/MAC			101	1						
•		STATION NUMBER: 912	912450 STAT	STATION NAME:	WAKE ISLAND				PERIOD OF RI	OF RECORD: JUL	77-86		
					PERCENTAGE	E FREQUENCY	96	TENTHS OF TOT	TAL SKY COVER	R	• • • • • • •	• • • • • • • •	•
1		HOURS I	0		2 3	•	s	و		0	10	HEAN	TOTAL
!		00-02	2.0	7.1	9.55	3.2	1.2	1.4	3.4	10.5	15.4	80 - 37	851
;	:	1,20-60	0.4	3	63.5				*	17.2	14.4	4.9	682
		1 80-97		4.6	47.6	3.5	1.9	1.6	8.8	19.5	16.2	5.5	801
		00-11		-	56.2	1.			•1	24.8	17.9	5.7	866
j		12-14	9.	2.5	46.4	3.5	1.9	1.9	4.3	20.3	18.6	5.8	882
		15-17 1	9.		53.1	1.			.1	25.0	20.9	6.0	812
		18-20	5•	2 • 1	45.1	2.3	2.3	1.7	3.6	21.0	21.5	6.0	840
Í	-	21-23	3.9	• 1	61.7		.2			16.6	17.4	5.1	849
		101ALS	1.6	2.1	53.7	1.6	6.	6.	2.0	19.4	17.8	5.5	6583
,		STATION NUMBER: 912450	ł	STATION NAME:	WAKE ISLAND				PERIOD OF RE	RECORD:	77-86		
-			•		PERCENTAGE	F RE OUE	9	NIHS OF TO	TAL SKY COVER			•	•
,		HOURS	d				S.	9	7 . 8	6	10	MEAN	TOTAL OBS
		00-02	1.9	9 · M	7	3.0	2.3	1.0	7.4	12.2	26.7	5.8	903
		03-05	3.0		58.0	•1				14.0	24.7	5.5	765
		1 80-99		5.5	37.1	2.4	2.4	8.	3.9	20.4	26.4	6.2	842
_		1 11-60	• 5	:	42.9					29.1	27.8	6.7	856
		12-14	m.	2.7		2.4	1.9	1.0		24.1	27.4	9.9	878
!		15-17			37.5	£.			•2	28.3	33.5	7.1	831
		18-20	3	2.5	31.5	2.0	1.5	1.9	5.3	21.8	33.8	7.0	857
		21-23	2.9		50.6					18.8	27.6	6.0	865
) i		TOTALS !	1.2	3)	42.2	1.3	1.0	9•	2.4	21.1	28.5	6.4	6797
								• • • • • • • • • • • • • • • • • • • •		•	• • • • • • •	• • • • • • • •	• • • • • •

USAFETAC			PERCENTAGE	FREG	ے ۃ	OBSERVATIONS	E OF SKY COVER				
AIR "EATHER SERVICETHAC	/HAC										
STATION NUMBER: 912450		STATION NAME:	WAKE ISLAND	G			PERIOD OF HONTH: SE	OF RECORD:	77-86		
	•	4	PERCENTAGE	AGE FREQUENCY	9	ENTHS OF	TOTAL SKY COVER	•		•	
HOURS 1	0	-	2 3	*	s.	۰	, , , , , , , , , , , , , , , , , , ,	٥	10	MEAN	TOTAL
1 20-02	1.7	6.5	53.3	2.7	2.8	1.3	. 0	10.4	17.5	5.0	829
L3-05_1_	2.1		69.3	• 1	.3	4.	. • 1	16.6	10.9	4.7	717
1 80-90	1.3	8 - 2	ก•6%	2.8	2,5	1.1	3.9	15.7	15.3	5.1	789
69-11	1.8	•	57.5				•	22.9	17.5	5.6	621
12-14.	1.3	2.6	46.8	2.6	3.1	1.6	3.9	18.7	19.3	5.7	8.38
15-17	80	. 1	52.3				S.	23.3	22.7	0.9	765
18-20		2.5	47.0	2.2	2.5	1.2	8 • S	16.8	22.8	5.9	904
21-23_1	2.6		62.1				9•	17.0	17.7	5.2	808
TOTALS 1	1.5	2.6	24.1	1.3	1.4		2.5	17.7	18.0	5.4	6371
0 0 0 0 0 0 0 0 0 0 0											
STATION NUMBER: 912450	İ	STATION NAME:	NAKE ISLAND				PERIOD OF I	OF RECORD:	17-86		
			PER	CENTAGE FREQUENCY OF TENTHS	ENCY OF 1	TENTHS OF	OF TOTAL SKY COVER	8		COVER.	
HOURS	0		2	, ,	2		1 1	6	10	MEAN	TOTAL
60-02 1	3.2	4	5.55	3.2	2.1	1.4	5.1	12.0	13.3	• 00 00 00 00 00 00 00 00 00 00 00 00 00	847
- 1	1		1								

10TALS | 2.6 2.5 56.0 1.5 1.1 .7 2.0 16.1 17.6 5.2 6450

845

5.5

19.5

3.6

1.7

2.1

2.9

50.3 62.8

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18-20 |

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09-11 |

2.6 1.8 1.7

5.9

15.0 18.7

3.1

839 882 779 839

5.5

20.9

A 10 LEATHED CEDITOR /MAC												
10 TA WAS W	/MAC											
STATION NUMPER: 912450 STATION NAME:	450 STA	TION NAME:	WAKE ISLAND	LAND				PERIOD OF RI	OF RECORD:	0RD:	77-86	
				PERCENTAGE	FREQUENCY	96	TENTHS OF I	TOTAL SKY COVER	COVER			
HOURS (b	•	2	m	*	v	و	7	8 0	6	10	MEAN
03-02 1	5-6	2.6	• •	54.7	1.7	2-1	9.		3.0	10.3	12.8	3.2
u3-05 l	9.1	5.	9	64.2	2.	.2	.2		•2	12.5	13.1	4.4
1 80-90	4.2	8.2	5	51.9	2.8	1.8	1.0		3.4	15.0	11.8	4.7
09-11	5.3		S	58.2						22.6	13.9	5.2
12-14	8.9	4 • 2	S	52.1	2.7	1.9	80		3.7	14.7	13.1	4.8
•	5.5	1 •	9	0.09						18.4	15.9	5.1
18-20	2.5	7.7	S	53.8	2.7	2.0	80		3.0	16.3	14.5	5.1
21-23-12	8 - 3	.2	9	6.99	. 1	-2				15.0	12.7.	4.7
TOTALS 1	5.5	3 4	U.	57.7	1.3	1.0	5		1.7	15.6	13.5	8.4

NUMBER: 91	Z450 STA	STATION NUMBER: 912450 STATION NAME:	HAKE	ISLAND	·			HOH	PERIOD OF RECOMU: Month: Dec	בסאת:	11-80		
□d	• • • • • • • • • • • • • • • • • • • •		ā.	PERCENTAGE FREQUENCY OF TENHES OF	FREQUE	NCY OF T	RCENIAGE FREDUENCY OF TENIHS OF TOTAL SKY COVER	TOTAL SI	SKY COVER	• • • • • •	• • • • • •	• • • • • •	•
HOURS 1	· c:	1 2		m	*	s	9	7	65	6	10	MEAN	TOTAL 08S
00-02	8 8	7.6		6*45	1.7	1-1	7		3.8	13.2	8	4.3	
03-05	10.0	. 1	,	1		1.	7.		• 1	8 - 02	7.8	4.5	1
1-80-90	6.3	7.4		48.6	2.7	1.4	1.9		3.5	17.2	11.0	4.7	
U9-11 1	5,8		•	59.9	•1					25.5	0.6	5.0	
12-14	6.9	6.1	ĺ	51.2	1.9	1.3	1.8	-	4.1	19.4	6.7	4.6	
15-17	6.3	-		63.1			1.0		3	20.0	7.1	3. 3	
18-20 1	7.1	5 • 7		57.3	2.1	1.9	1.0	****	4.2	13.3	8.2	7.4	
21-23	11.4	M) 6		66.5	!	• 5	!		!	13.3	8.2	4.0	1
TUTALS	8.2	M M		57.8	1.1	æ	1.		2.0	17.8	37	4.5	6129

AIR JIATHLE SERVICE/MAC SIATION NUMBER: 912450 STATION NAME: 4AK HOURS 0 1 2 JA', ALL 12.7 3.5 FEF 13.3 3.7 MAR 10.1 4.6 APT 5.9 2.5 JUH 5.9 2.5	0 STATI	STATION NAME: 1 7 3.5	WAKE IS	SLAND								
HOURS HOURS LST) LST) LST) HOURS H	0 0 12.7 13.3 10.1 5.5	10N KAME:	WAKE IS	LAND								
HOURS I LESTS I LESTS I LEEF I	0 12.7 13.3 10.1	7 7 K	PFRC				PE	PERIOD OF RECORD: MONTH: ALL	CORD:	77-86		
HOURS ALL 1			*	PERCENTAGE	FREQUENCY	96	TENTHS OF TOTAL	SKY COVER	:		•	• • • • • • • • • • • • • • • • • • • •
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		3.1	4	46.5	1.1	6	9.	1.7	18.6	14.5	80	6891
			un.	52.2	1.2	1.0	9.	3.4	15.2	11.3	4.4	6279
	្ត ទ	4.6	v	56.1	1.1	6.		1.4	15.8	10.0	7 - 7	6815
	1	2.5	J1	58.6	1.5	٥.	9•	1.4	14.1	14.4	4.7	9999
-	5.9	5.5	9	60.3	1.5	1.1	9.	1.9	17.1	8.7	9.4	6119
	2.6	3.0	9	62.1	1.3	7.7	9.	2.0	16.8	10.2	8.4	6441
JUL	1.6	2.1	41	53.7	9•1	6.	6.	2.0	19.4	17.8	5.5	6583
AUG	1.2	1 • B	-	42.2	1.3	1.0	• 6	2.4	21.1	28.5	4.9	6797
7	1.5	2.6	-	54.7	1.3	u	T.	2.2	17.7	18.0	5.4	6371
001	2.6	2.5		56.0	1.5	1.1	1.	2.0	16.1	17.6	5.2	6450
NON	5.5	3.4	3	57.7	1.3	1.0	3*	1.7	15.6	13.5	8.4	4849
חוכ	8.2	3 • 3	41:	57.8	1.1	æ		2.0	17.8	4.8	4.5	6159
TUTALS	5.9	3.1	41	54.8	1.3	1.0	9.	1.8	17.1	14.4	5.0	79315

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 •

PART E

PSYCHROMETRIC SUMMARIES

In this section are prescuted various susmaries of dry- and wet-bulb temperatures, dev points, and relative hamidity. The order and manner of presentations follows:

- tenties of temperature by 5-degree Febrenheit increments, plus mean temperature, standard deviations, and Cumulative percentage frequency of occurrence - derived from delly observations and presented by month and annual for all years combined. These tebulations provide the cumulative percentage frequency to total number of observations in three separate tables as follows: **:** ::
- a. Daily maximum temperatures
- o. Daily minimin temperatures
 - .. Daily seen truperatures

from as early as Japuary 1949 and later. Please refer to sutations on susmary pages and Station History Air Force operated stations. For those stations observing less than 24 bours per day, and where muximum and minimum temperatures are required but not recorded, these are also selected from hourly data NOTE: Beginning in Jenuary 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all for further information on reporting practices of individual statious.

- Extreme values derived from daily observations with the extreme value selected for each year and month of record evallable. An annual (ALL MONTES) value is relected when all months for a year have valid extremes. Heans and standard deviations are computed for months and numbal when four or more values are present for any column. Two tables of daily extremes are prepared: رة د
- a. Extreme maximum temperature
- b. Extreme minimum temperature

The following symbols, are used in the extreme data blucks; NOTE:

- * Indicates the extreme was selected from a month with one or more days missing.
- f indicates the extreme was selected from a month in which bourly temperatures were available for less than 24 hours for at lesst one day in the mosth. (2)

* Values for menns and staining deviations do unt include moussumes for incomplate months.

Continued on Reverse

Divariate percentuge frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the advent of RUSSWO-2 in mid

mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and aguin at the bottom for all hears combined. Records for all years combined are presented Menns and standard deviations - These talmilations are derived from bourly observations and present the in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

increments of 10% classes, plus the mean relative humidity and total number of observations in two tables. Cúmilative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by .. ۶.

Table 1 is propared by month and annual, all years combined, with month being the vertical argument. :4 ë. .

Table 2 is propared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. <u>.</u>

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
912450 MAKE ISLAND
STATION

49-86

HAXIMUM

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

ANNOAL	0.	₹*8.	58.7	96.5	6.66	100.0																								85.2	21.40	13268	**
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¥uc.	1			6.66	-																								1 1		06307	1147	
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MAR		.2	23.0		8.65					-	1	-																		82.9	C1007	1147	OF THIS FORM
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NYT			11.3	87.1	1.66	163.0	† †	1	1	 							-	+	 - -	+~ ·						•					70707	1147	0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE
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GLUBAL CLIMATOLOGY BRANCH USAFETAC

A13 AEATHER SERVICE / HAC 912450 WAKE ISLAND STATION

STATION NAME

98-64

DAILY TEMPERATURES HINIMON

1.9

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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DAILY TEMPERATURES

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
912450 WAKE ISLAND
STATION

STATION NAME

49-86

MEAN

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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USAFETAC JUL 64 0-21-5 (OL A)REMOUS EDITIONS OF THIS FORM ARE

CONTINUED ON NEXT PAGE

NOTES * (9ASED ON LESS THAN FULL MONINS)
(AT LEAST ONE DAY LESS THAN 24 0BS)

CXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

PERIOD OF RECORD: 49-86

GLUUAT CLINITOLUGY BRANCH USAFFTAC AIN MEATHFN SFRVICLIMAC STATICH NUMBER: 912450 STATION NAME: WAKE ISLAND

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C	. 2 0	00 F:	99	9	87	83	> 30	06	16*	68	80	85	*91
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GENTAL CLIFATOLOGY BRANCH USAFLTAC ATP ALATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE (FPOM DAILY OBSERVATIONS)

PERIOD OF RECORD: 49-86

STALL DUPPER: 912450 STATION NAME: WAKE ISLAND

	ALL	MONTHS	76	95	92	92	95	95	† 6	16	91•1 1•74 13568
		OEC	8.7	91	68	85	89	88	87	85	86.0 1.585 1178
		NON	88	0.6	06	89	06	9.0	89	8.7	87.7 1.358 1140
		0CT	92	06	06	91	85	92	26	06	89.5 1.445 1147
		SEP	06	95	90	85	91	95	92	89	90.3 1.697 1103
RENHEIT		AUG	06	85	91	92	16	95	16	91	90.4 1.499 1147
REES FAH	N-T-H-S-	JUL JUL	*6	2 6	26	16	6.8	92	30	9.1	89.9 1.719 1147
WHOLE DEGREES FAHRENHEIT	10-K-	JUN	9.1	93	16	69	8	16	90	16	89.4 1.552 1110
3		MAY	0.6	6 6	06	87	87	85	91	98	87.9 1.766 1147
		APR	87	ස ඉ	0.6	87	80 83	96	68	8 0	36.1 1.94.3 1110
		X 4	47	98	88	: 6	3	8 8	06	3	65-6 1-798 1147
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		JAN	78	88	x 69	89	83	87	87	3	84.9 1.586 1147
		1 .1 V 1 Å	1 62	_ n,	1 3	- <>	- 3	 	- 50	30 -	FC7N -0.7 T.FM 035

NOTES + (BASED ON LESS THAN FULL MONTHS) # (AT LEAST ONE DAY LESS THAN 24 08S)

GLGSAL CLIPAICLOGY BRANCH USAFETAC AIS ALATHEN SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATICS MUMERS: 912450 STATION NAME: WAKE ISLAND

PERIOD OF RECORD: 49-86

						2-0-X-	-S-H-1-						ALL
	2	Ff R	2.	APP	HAY	POP	שטר אטר	AUG	SEP	00.1	>ON	DEC	MONTHS
 みで											70	99	
۶.	69	69	63	69	72	7.1	7.1	72	73	73	65	70	9
	69	59	6.8	69	72	*	73	16	75	**	7.4	72	89
1 7,	19	7.1	97	7.1	7.2	73	7.1	73	*73	11	69	7.1	19
£ 3	7.1	9	7.0	73	14	73	11	70	**	72	72	7.1	69
7 50	5.7	65	70	7.0	70	7.1	12	70	7.1	70	7.1	† 9	9
s;	6.8	7.0	19	7.0	1.1	12	73	72	73	7.1	72	65	65
95	99	S 9	69	Ç	12	72	63	72	75	7.1	6.8	70	9
- 27	65	к 9	67	7.1	7.1	73	*.	72	73	£	73	72	9
97	99	67	69	69	7.1	73	73	68	73	72	72	72	65
5.	89	დ :9	89	69	70	73	*	75	73	73	72	7.1	69
1 09	69	69	0,7	7.1	7.3	72	7.1	7.6	73	69	7.1	73	69
6.1	7.1	69	19	89	70	72	7.1	70	70	89	68	89	67
62 1	19	6.7	89	7.0	7.1	12	69	70	70	69	73	68	19
6.3	89	69	7.1	69	7.1	73	72	# [*	7.4	12	74	69	99
43	7.0	69	7.0	69	72	12	73	7.4	73	7.1	71	99	99
- S.	99	7.0	69	69	7.0	7.1	* /	73	72	12	67	69	67
1 99	99	67	89	69	7.0	#	* ^	72	52	12	63	72	99
1 29	7.1	67	67	69	73	72	7.1	12	*75	73	10	7.1	19
- 83	99	57	8 9	69	69	72	**	75	7.	72	73	70	99
- 3	69	5.5	7.1	7.1	72	*.	75	74	4.2	72	69	20	69
- o.	99	63	72	74	73	*2	12	72	73	73	7.1	70	99
7.1	70	6.7	69	69	73	73	7.1	70	72	11	73	89	19
7.2	69	65	70	99	7.0	73	*.	7.4	11	2	72	89	9
73 1	6.8	6.7	63	69	7.9	72	7.4	70	1.1	70	7.0	70	29
74 1	99	19	89	æ 9	69	7.1	7.1	11	70	73	7.1	68	99
7.5	99	96	80	89	69	73	12	72	69	70	70	68	99
76 1	19	19	89	6 .9	63	73	73	11	*2	7.4	73	7.1	19
7.1	69	69	6.5	67	7.	27	73	70	%2 *	7.1	11	20	9
٠, ٢	7	0.7	0.9	0	ç	• •	,	ç	1	7.4	7.7	11	67

NOTES # (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 GBS)

CONTINUED ON NEXT PAGE

LXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATICA UPHFLR: 912450 STATION NAME: MAKE ISLAND

PEPIOD CF RECORD: 49-86

-					-	MHOLL DEGMELS FAMMENMEN -M-D-M-I-H-S-	-K-1-H-2-	THE TAKE I					ALL
YFA: 1	JAtt	FLE	€ ∀ .:	APR	MAM	700	JUL	AUG	SEP	100	NOV	DEC	MONTHS
1 52	6.9	67	71	73	73	75	57	72	72	75	07	DZ	67
- Sa	66	39	10	72	10	74	69	73	16	12	74	73	99
- 14	7.1	69	7.1	74	1.1	75	13	*	11	74	75	7.1	69
ري د	7.0	7.1	10	67	72	12	76	75	92	16	72	7.1	19
- 13	67	6.7	70	69	7.1	7.3	15	75	11	16	74	73	67
-	7.1	10	73	74	75	73	72	11	75	73	75	72	70
2.5	7.2	7.1	70	9	7.4	75	**	7.4	7.	75	7.1	7.1	65
Åô 1	7.0	7.5	0.2	. 69	11	15	74	16	92	7.4	11	73	69
l by 3"	68.3	68.2	63.9	69.69	71.3	72.8	72.5	72.6	73.3	72.4	71.3	70.1	66-8
ئ ا	1.880	1.713	1.649	2.101	1.510	1.175	1.709	2.038	2.020	1.918	2.250	2.205	1.478
TOTAL DUS	1147	1645	1147	1110	1147	1110	1147	1147	1103	1147	1140	1178	13568

NOTES + (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 2% 0BS)

MEANS AND STANDARD DEVIATIONS ATURES DEG F FROM HOURLY OBSERVATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MAKE ISLAND 912450

77-86

APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC. ANNIMAL 76.4 77.7 79.4 80.7 80.7 81.6 80.9 79.3 77.2 78.9 2.144 1.80.9 1.87.1 1.848.1 1.855 1.882 2.895 8.89		ı		STA	STATION NAME						YEARS			1	-
76.4 77.7 79.4 80.7 80.7 81.6 80.9 79.3 77.2 <th< th=""><th>JAN, FEB.</th><th>FEB.</th><th></th><th> *</th><th>MAR.</th><th>APR.</th><th>MAY</th><th>JON.</th><th>JUL</th><th>AUG.</th><th>SEP.</th><th>OCT.</th><th>NOV.</th><th>DEC.</th><th>ANNOAL</th></th<>	JAN, FEB.	FEB.		*	MAR.	APR.	MAY	JON.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNOAL
2.144 1.863 1.521 1.582 1.914 1.465 1.655 1.656 2.068 2.95 877 863 837 850 901 829 862 76.8 874 1033 75.7 76.8 78.8 79.8 80.0 80.0 80.2 76.9 76.9 76.7 77.8 2.058 1.628 1.489 1.508 1.877 1.464 1.770 1.789 1.989 2.990 76.4 77.8 80.7 80.7 80.7 80.7 80.7 80.7 78.9 76.8 78.9 3.29 2.388 2.184 2.107 2.151 1.869 1.960 1.963 1.76.8 778 3.52 2.388 2.107 2.151 1.869 1.960 1.963 80.7 1.869 1.963 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.78	0 114	0 114	L	7	a	4	1	0	6	۱ .		6	6		80
877 863 837 850 901 829 845 858 874 1033 75.7 76.8 78.5 79.8 80.0 80.9 80.2 78.5 76.7 77.8 2.056 1.628 1.489 1.5508 1.877 1.464 1.720 1.789 1.989 2.99 7.6.4 77.8 77.8 80.7 81.5 80.7 78.5 76.8 77.8 85.5 80.5 82.3 83.9 85.0 80.7 78.5 1.960 1.963 1.998 3.52 80.5 82.3 83.9 85.0 84.5 85.8 84.5 80.7 80.8 82.8 80.5 82.3 85.2 84.5 85.9 85.9 80.7 80.8	236 2.177 2	234 2.177 2	177 2	2.23) C	·	α;	52	.58	16.	8	•65	.88	• 136	O,
75.7 76.8 78.5 79.8 80.0 80.9 80.2 78.5 76.7 77.9 2.05.8 1.64.8 1.50.8 1.877 1.464 1.720 1.789 2.999 2.970 2.05.8 1.64.8 1.68.9 1.877 1.464 1.720 1.789 1.989 2.970 7.5.8 1.64.8 1.877 1.86.9 1.86.7 78.9 76.8 78.6 2.38 2.98 1.80.7 1.86.9 1.960 1.963 1.969 1.998 3.2.9 2.38 2.39 2.86.1 1.86.9 1.960 1.963 1.963 3.2.9 3.82.8	891 821	891 821	821	89	M	80	ထ	83	85	06	N		S		033
75.7 76.8 78.5 79.8 80.0 80.9 80.2 78.5 76.7 77.8 76.8 1.989 1.989 77.8 77.8 77.8 79.6 80.7 78.4 1.787 1.989 7.899 1.989 7.899			 		-										
2.058 1.628 1.489 1.508 1.877 1.489 1.508 1.877 1.489 1.589 2.996 2.996 716 620 648 716 859 2.996 76.4 77.8 79.6 80.7 81.5 80.7 78.9 76.8 78.9 78.2	75.	5-6 74-3 75-	75.	5		S	.9	8				80.2	8	• 9	11
731 774 685 681 763 716 620 648 716 852 2.388 2.184 2.137 2.007 2.151 1.869 1.960 1.963 1.998 3.28 2.388 2.184 2.137 2.007 2.151 1.869 1.960 1.963 1.998 3.28 2.80.5 82.8 83.9 85.0 84.5 85.4 84.5 82.4 80.5 <t< td=""><td>2.157 2.21</td><td>169 2.157 2.21</td><td>157 2.21</td><td>.21</td><td></td><td>_ C</td><td>• 62</td><td>48</td><td>.50</td><td>.87</td><td>.46</td><td></td><td>. 78</td><td>86</td><td>96.</td></t<>	2.157 2.21	169 2.157 2.21	157 2.21	.21		_ C	• 62	48	.50	.87	.46		. 78	86	96.
76.4 77.8 79.6 80.7 80.7 81.5 80.7 78.9 76.8 76.9 77.7 76.8 76.8 76.9 76.9 76.9 77.7 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.9 77.8 77.8 77.9 <th< td=""><td>762 712 72</td><td>762 712 72</td><td>712 72</td><td>72</td><td></td><td>~</td><td>-</td><td>68</td><td>68</td><td>76</td><td>71</td><td>. 620</td><td>49</td><td>***</td><td>55</td></th<>	762 712 72	762 712 72	712 72	72		~	-	68	68	76	71	. 620	49	***	55
76.4 77.8 77.8 77.8 76.4 77.8 77.8 77.8 76.4 77.8 77.8 77.8 78.9 76.9 76.3 78.2 88.2 <th< td=""><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td></th<>					1										
2.388 2.184 2.137 2.107 2.151 1.869 1.960 1.963 1.999 3.22 80.5 80.5 80.1 84.1 787 799 793 807 963 80.5 82.3 85.0 84.5 84.5 85.0 80.5 80.6 80.6 80.6 80.6 80.6 80.6 80.7 80.6 80.6 80.6 80.7 80.6 80.6 80.6 80.7 80.6 80.6 80.6 80.7 80.6 80.6 80.6 80.7 80.6 80.6 80.7 80.6 80.6 80.7 80.8 80.6 80.6 80.7 80.7 80.6 80.7 80.6 80.7 80.6 80.6 80.7 8	MEAN 75.0 74.3 75.4	5.0 74.3	2	75.4		9	-	6	0	0		0	8	9	78
801 829 780 841 787 799 793 807 963 80.5 82.3 83.9 85.0 84.5 84.5 82.4 80.5 82.4 82.8 83.8	349 2.240 2	349 2.240 2	240 2	N		8	7	.13	• 00	.15	98	96.	96.	66.	.22
80.5 82.3 83.9 85.0 84.5 84.5 82.4 80.5 82.4 82.4 80.5 82.4 <th< td=""><td>324 745 830</td><td>324 745 830</td><td>745 830</td><td>830</td><td></td><td>80</td><td>80</td><td>00</td><td>801</td><td>*</td><td>8</td><td>199</td><td>0</td><td></td><td>63</td></th<>	324 745 830	324 745 830	745 830	830		80	80	00	801	*	8	199	0		63
80.5 82.3 83.9 85.0 84.5 85.4 84.5 85.4 84.5 85.4 84.5 85.4 84.5 85.4 86.5 85.4 86.5 85.4 86.5 85.4 86.5 85.4 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.6 <th< td=""><td></td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>															
852 2.442 2.314 2.306 2.406 2.251 2.399 2.549 2.649 3.649 854 859 845 865 855 855 866 84.8 86.8 8	78.5	78.5	78.5	19.4		0	2.	M	85.0	•	5	84.	82.	80.	82
854 865 855 818 839 824 868 1014 82.7 84.5 86.5 87.5 86.6 84.9 82.7 84.9 911 2.377 2.484 2.363 3.065 2.271 2.511 2.549 3.49 854 876 85.5 86.6 85.9 86.9 84.9 82.47 854 85.6 85.9 86.5 85.5 83.1 3.49 3.49 854 85.6 85.9 86.5 85.5 83.1 81.3	2.720	2.651 2.720	2.651 2.720	2.720	1	.87	44	31	•	.70	.25	• 39	. 54	-47	.54
82.7 84.5 86.5 87.5 86.6 84.4 82.7 84.9 85.7 86.1 87.3 86.5 87.5 86.6 84.4 82.7 3.494 3.49 85.4 85.2 3.065 2.271 2.511 2.574 2.494 3.49 81.6 85.5 86.6 85.9 86.5 85.5 83.1 8103 81.6 85.9 86.6 85.9 86.5 83.1 81. 83.4 82.2 81.0 2.412 2.455 2.632 2.426 977 82.2 81.0 85.0 86.5 85.0 85.0 80.3 80.3 82.2 81.0 85.0 85.0 85.0 86.0 86.0 84.0 80.0 86.0 87.4 80.0 87.2 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0	08S 871 794 859	794 859	794 859	859	j	8 (5)	85	84		85	81	M	N	9	#10
82.7 84.5 86.5 87.5 86.6 84.4 82.7 84.8 911 2.377 2.484 2.363 3.065 2.271 2.511 2.574 2.494 3.49 81.6 876 8.065 2.271 2.511 2.574 2.494 3.49 81.6 85.6 86.6 85.9 86.5 83.1 81.7 83.4 822 810 791 811 82.9 76.5 775 803 85.6 977 822 810 70.0 2.412 2.455 2.455 2.426 3.47 80.4 <td></td> <td></td> <td>l</td> <td>l</td> <td>İ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			l	l	İ										
2.377 2.484 2.363 3.065 2.271 2.511 2.574 2.494 3.49 83.6 85.7 881 875 882 882 855 898 103 83.6 85.6 85.9 86.5 86.5 85.3 83.1 81.7 83 2.466 2.119 2.340 3.095 2.412 2.455 2.632 2.426 3.426 80.3 81 829 765 775 803 856 97 80.4 80.4 80.8 80.8 80.8 80.8 80.8 80.8 80.4 82.1 83.8 83.7 82.4 80.8 86.2 86.2 86.2 86.2 80.8 78.4 80.0 81.8 82.2 81.8 83.7 82.9 86.2 86.2 80.8 87.7 80.8 78.4 80.0 81.8 82.2 81.8 83.8 87.3 102.8 102.8 78.4 80.0 81.8 82.2 81.8 83.8 87.3 102.8 88.4 82.2 80.8 84.8 83.8 87.3 102.8 80.2 82.2 80.8 82.2 80.9 <td>82.0</td> <td>.C 81.2 82.0</td> <td>82.0</td> <td>82.0</td> <td> ~</td> <td>2.</td> <td>3</td> <td>9</td> <td>7.</td> <td>9</td> <td>7.</td> <td>9</td> <td>. 4</td> <td>5</td> <td>3</td>	82.0	.C 81.2 82.0	82.0	82.0	~	2.	3	9	7.	9	7.	9	. 4	5	3
876 857 881 875 835 882 855 898 103 83.6 85.6 86.6 85.9 86.5 85.5 83.1 81.7 83 2.466 2.119 2.340 3.095 2.412 2.455 2.632 2.426 3.4 810 791 811 829 765 775 803 856 97 80.3 82.1 83.3 83.0 83.7 82.4 80.4 78.7 80 2.442 2.206 2.251 2.911 2.099 1.975 2.060 2.287 3.3 874 80.0 857 804 837 862 862 101 1.864 1.533 1.842 1.596 1.653 1.891 2.028 2.9 1.864 1.533 1.8842 1.596 1.653 1.891 2.028 2.9 80.2 80.2 80.2 80.2 80.2 80.2 80.2 <td>2.412 2.871 2</td> <td>.026 2.412 2.871 2</td> <td>2.412 2.871 2</td> <td>2.871 2</td> <td></td> <td>91</td> <td>.37</td> <td>. 48</td> <td>.36</td> <td>•06</td> <td>.27</td> <td>.51</td> <td>.57</td> <td>4.</td> <td>4</td>	2.412 2.871 2	.026 2.412 2.871 2	2.412 2.871 2	2.871 2		91	.37	. 48	.36	•06	.27	.51	.57	4.	4
83.6 85.5 86.6 85.9 86.5 83.1 81.7 83 2.466 2.119 2.340 3.095 2.412 2.635 2.632 2.426 3.49 810 791 811 829 765 775 803 856 97 80.3 82.1 82.9 765 775 803 856 97 2.442 2.191 2.412 2.455 2.426 3.242 856 97 2.442 2.219 83.7 82.4 80.4 78.4 80 78.7 80 2.442 2.251 2.099 1.975 2.060 2.287 3.3 2.442 2.251 2.511 2.099 1.975 2.060 2.287 3.3 3.84 80.0 83.7 85 86 77.7 78 3.423 3.423 3.381 3.400 3.072 3.001 3.129 4.00 477 6474 6474<	878 805 882	878 805 882	805 882	882		85	87	S	8	-	835	00	S	0	037
83.6 85.5 86.5 85.5 83.1 81.7 83 2.4466 2.119 2.340 3.095 2.412 2.455 2.632 2.426 3.4 810.3 811 829 765 775 803 856 97 80.3 82.1 811 829 765 775 803 97 97 2.442 2.206 2.351 2.099 1.975 2.060 2.287 80 2.442 2.206 2.251 2.099 1.975 2.060 2.287 3.3 874 80.1 837 855 804 80 77.7 78 1.864 1.533 1.842 1.596 1.653 1.891 2.028 2.9 888 82.2 818 844 838 873 102 8.523 3.423 3.381 3.400 3.072 3.074 5.074 5.54 8.73 8.73 8.74 8.74 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>															
2.466 2.119 2.340 3.095 2.412 2.455 2.632 2.426 3.49 80.3 810 791 811 829 765 775 803 856 97 2.442 2.206 2.251 2.511 2.099 1.975 2.060 2.287 3.3 2.442 2.206 2.251 2.511 2.099 1.975 2.060 2.287 3.3 78.4 80.0 857 804 837 862 101 78.4 80.0 81.8 82.2 81.4 79.6 77.7 78 1.864 1.533 1.585 1.842 1.596 1.653 1.891 2.028 2.9 80.2 82.0 808 844 838 873 102 80.2 82.0 83.7 82.9 80.9 79.1 80 3.523 3.423 3.381 3.400 3.072 3.001 3.129 4.00 6173 6474 6474 6754 792	80.4 81.2	80.4 81.2	80.4 81.2	.2	~	-	M	5	9	85.	•	80 50	83.	81.	8
80.3 82.1 81 765 775 803 856 97 80.3 82.1 83.3 83.0 83.7 82.4 80.4 78.7 80 2.442 2.206 2.251 2.099 1.975 2.060 2.287 3.3 78.4 80.0 82.2 81 82.2 81.4 79.6 77.7 78 1.864 1.533 1.585 1.842 1.556 1.653 1.891 2.028 2.9 80.2 82.0 81.8 86.5 80.8 844 838 873 102 80.2 82.0 80.8 844 838 873 102 80.2 82.0 80.9 79.1 80 80.2 82.0 80.9 79.1 80 80.2 83.4 3.001 3.001 3.001 8.0 4.0 80.2 84.0 83.2 80.9 79.1 80 4.0 80.	2.510 2.746 2	.869 2.510 2.746 Z	2.510 2.746 2	2.746 2		85	. 46	.11	2	•00	. 41	. 55	•63	• 42	-41
76.5 80.3 82.1 83.7 82.4 80.4 78.7 80 866 874 82.1 83.7 83.7 85.7 80.4 80.8 77.7 3.3 76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78 76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78 857 88.4 80.0 81.5 86.5 80.8 84.4 87.3 102 78.7 80.2 84.2 1.596 1.653 1.891 2.028 2.9 857 865 80.8 84.4 838 873 102 78.7 80.2 83.2 83.0 83.4 83.8 873 102 78.7 80.2 83.2 83.2 83.8 873 102 855 3.423 3.423 3.400 3.072 3.074 3.074 4.794	872 792	872 792	792		J	8 2	***	O I	m	2	9			S	11
76.5 80.3 82.1 83.7 82.4 80.4 78.7 80 66.3 2.442 2.206 2.251 2.511 2.099 1.975 2.060 2.287 3.3 86.6 874 82.1 804 837 855 862 101 76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78 85.7 888 86.5 8.08 1.556 1.556 1.653 1.891 2.028 2.9 85.7 888 86.5 80.8 844 838 873 102 78.7 80.2 82.0 83.0 1.653 1.891 2.028 2.9 85.7 80.8 86.5 80.8 844 873 102 78.7 80.2 82.0 83.0 79.1 80 85.5 3.423 3.381 3.400 3.072 3.001 3.129 4.00 86.5															
6.03 2.442 2.206 2.251 2.511 2.099 1.975 2.060 2.287 3.5 866 874 821 639 857 804 837 855 862 101 76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78 857 888 82.2 81.4 79.6 77.7 78 857 888 85 865 80.8 844 83 873 102 78.7 80.2 82.0 83.7 82.9 80.9 873 102 78.7 80.2 82.9 83.7 80.9 873 102 78.7 80.2 82.9 83.7 80.9 79.1 80 78.5 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.0 66.6 6775 6774 6754 79.1 80 80 80 80	17.3 77.2	77.2	77.2	78.0		8	Ö	82.	83.	83.	83.	82.	80.	78.	8
866 874 821 639 857 804 837 855 862 101 76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78 857 888 1.585 1.842 1.596 1.653 1.891 2.028 2.9 857 888 865 808 844 838 873 102 78.7 80.2 82.9 83.2 83.2 83.2 80.9 80.9 79.1 80 78.7 80.2 83.2 83.7 82.9 80.9 79.1 80 78.7 80.2 83.2 83.7 82.9 80.9 79.1 80 855 3.523 3.423 3.381 3.400 3.074 3.001 3.129 4.0 66.6 6775 6754 792 792 792 792	2.536 2.400 2.612	.536 2.400 2.612	2.400 2.612	•612	-	•60	44.	•20	•22	.51	• 03	.97	• 06	• 28	. 30
76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78.9 0.04 1.864 1.533 1.585 1.842 1.596 1.653 1.891 2.028 2.9 857 888 82.2 808 844 838 873 102 78.7 80.2 82.9 83.7 82.9 80.9 79.1 80 78.7 80.2 82.9 83.7 82.9 80.9 79.1 80 78.7 80.2 82.9 83.7 82.9 80.9 79.1 80 78.7 80.2 83.7 82.9 80.9 79.1 80 855 3.523 3.423 3.381 3.400 3.072 3.074 3.129 4.0 866 80.2 83.7 82.9 80.9 79.1 80 867 867 868 83.7 80.9 80.9 80.9 80.9 868	798	798	798	884	,	9	874	N	M	S		M	S	0	110
76.9 78.4 80.0 81.3 81.4 82.2 81.4 79.6 77.7 78 .094 1.864 1.533 1.585 1.842 1.596 1.653 1.891 2.028 2.9 .857 888 82.2 848 865 808 844 838 873 102 .86.7 83.2 82.9 83.7 82.9 80.9 79.1 80 .555 3.523 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.00 .6662 6.773 6.786 6.362 6.481 6474 6754 792					,									-	
-094 1.864 1.533 1.585 1.842 1.596 1.653 1.891 2.028 2.9 857 888 822 848 865 808 844 838 873 102 78.7 80.2 82.0 83.7 82.9 80.9 79.1 80 .555 3.523 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.0 .6662 6.773 6.576 6.786 6.362 6.474 6.754 792	75.5	75.5	75.5			•	00		1.	-	2.		6	77.	78.
857 888 822 848 865 808 844 838 873 102 78.7 80.2 82.0 83.7 82.9 80.9 79.1 80 555 3.523 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.0 6662 6773 6754 6786 6362 6444 6754 792		189 2-037 2-203	2.037 2.203	2.203		60.	.86	.53	.58	-84	.59	•65	• 89	•05	6.
78.7 80.2 82.0 83.2 82.9 83.7 82.9 80.9 79.1 80.555 3.523 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.0	708 789	708 789	807			85	œ	œ	8#8	9			M		022
78.7 80.2 82.0 83.2 82.9 83.7 82.9 80.9 79.1 80 3.555 3.523 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.0 6662 6.773 6436 6576 6786 6362 6441 6474 6754 792					+	i				1					
3.555 3.523 3.423 3.381 3.400 3.072 3.074 3.001 3.129 4.0 6662 6773 6436 6576 6786 6362 6441 6474 6754 792	1 77.4 77.1	.4 77.1	L	L	1	78.7	80.2	2.	83.	82.	83.	82.	80.	79.	80
6773 6436 6576 6786 6362 6441 6474 6754 792	3.3	3.453	.453			3.555		-42	•	.40	.07	•87	•	3.12	90.
	TOTAL OBS 6881 6274 6806	6274	_	9089		2999	6113	*		6786	36	*	6474	675	26

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

WAKE ISLAND 912450

77-86

STATION	~		ST.	STATION NAME						YEARS			ŧ	
HRS (L S.T.)		NAU	FEB.	MAR.	APR.	MAY	Z.	JQL.	AUG.	SEP	OCT.	NON N	DEC	ANNIA
	MEAN	70.3	ļ	71.2	71.7	73.5	75.3	76.5	76.7	. 1	76.4	76.4	6-12	1 4
20-03	S D.	3.376	2.763	2.515	2.4	5	9	55		Ğ	16	23	2.800	
1	TOTAL OBS	891		892	œ	862	837	858		82		00		Ň
1														
	MEAN	8.69		76.8		73.1	75.0	76.1	76.2	76.8	76.2	74.1	4	73.3
23-05	S.D	3.451		2.580	~	2.035	1.508	Ò	M		2	N	2.740	50
1	TOTAL OBS	752	712	129	73	77	685	19	-	71	•	9	7	854
	MEAN	6.69	69.5	70.9		73.5	75.4	76.5	76.6	77.2	76.2	74.1	71.5	73.6
36-98	S.D	3.417	2.762	2.605	63	M	00	1.462	*	9	03	26	#	25
	TOTAL OBS	824	745	828			~		80	_	-	- 1	œ	96
												1	1	1
	MEAN	71.4	71.3	72.6	73.3	75.2	76.8	78.0	78.3	78.7	77.6	75.5	73.0	75.1
11-53	S. D.	3.340	2.754	2.598	~	4	0)	0	Č		1.971	-	U	5.5
	TOTAL OBS	8 70	794	859							9		. 00	10144
	MEAN	72.4	72.3	73.5	74.2	76.0	77.5	78.7	79.0	79.4	78.4	76.3	73.8	75.9
12-14	s D.	3.281	5.69	2.519	2.528	2.145	1.528	1.395	1.805	1.745	1.966	-		M
	TOTAL OBS	878	805	881	S	876	857	881	~	M	882	S	868	037
											ł			
	MEAN	71.9	71.9	73.1	73		•	78.4	٠		78.0	75.8		75.5
15-17	s.D	3.24	2.689	5.469	2.418	2.071	1.509	1.460	1.825	1.804	1.998	9	2.673	
-	TOTAL OBS	871	261	846		808	0	810	7	164	774	802	855	9765
		- 1												
	_	70.9	70.8	72.0	12	74.5		•						74.44
-23	S. D.	3.167	2.714	2.548	2.439	2.024	1.553	1.472	1.813	1.730	1.964	2.136	O	3.404
	TOTAL OBS	876	797	884	8 65	872	821	839	857	804	837	855	862	10169
													1	
	MEAN	70.4	70.2	71.4	12	÷	•	7.97	76.9	77.4	76.5	74.5	•	73.9
, 1-23	o S	3.282	2.687	2.534	2.436	2.048	1.492	1.415	1.749	1.608	1.976	2.160	2.705	3.398
	TOTAL OBS	887	807	881		887	822	846	865		844			10213
ALL	MEAN	6.07	10.1	71.9	72.6	74.4	76.1	77.3	77.5	17.9	77.1	74.9	72.4	74.5
HOLIBS	S. D.	3.431	2.962	2-718	2.685	2.310	1.774	1.700	2.038	93	2,150	2.345	2.857	3.568
	TOTAL ORS	07 8 3	6772	עטא	466	27.2	7 47	U	047	72.7				

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F EROM HOURLY OBSERVATIONS

91245P WAKE ISLAND

77-86

HRS (L S.T.)		JAN.	FEB	MAR.	APR.	MAY	J.N.	JUL	AUG.	SEP.	8	Š.	DEC.	ANNOAL
	MEAN	67.4	67.2	68.8	h• 69	71.5	73.6	74.8	75.1	75.5	74.5	72.2	69	71.6
27 − 07	o S	4.817	4.002	3.518	M	1	0	0	34	M	Ģ	-	#D.	M
•	TOTAL OBS	891	820	892			83	85	6	82	84	85	8	3
:														
	WEAN .	5 • 9 9	8.99	68.5	69.3	71.2	73.4		74.7	75.2	74.6	•	68.	71.2
3-05	-	5.046	4.051	3.565	3.394	М		1.924	2.395	2.420	2.760	3.198	3.939	8
,	TOTAL OBS	722	712	729	731	77	685	~	9	-	619	2	71	45
;	-													
	MEAN	67.€	66.8	9.89	6		73.6	74.7	•	75.5	74.4	•	68.	71.4
BE-88	۰ ۵ ۵	4.973	4.008	3.609	3.599	2.833	2.037	1.875	2.387		2.596	3.183	3.830	194.4
,	TOTAL OBS	824	745	828	801		8	799	8		0	0	80	9632
1														
	MEAN	67.7	67.6	69.2	8.69	72.0	73.9	75.1	•	76.0	74.8	•	69.3	72.0
11-40	SD	668.4	4.053	3.779	65	88	2.082	91	M	4	#9	M	õ	. 48
;	TOTAL OBS	8.7%	487	859	854	858	841	865	S	817	839		868	10144
1														
	MEAN	J.89	67.7	4.69	70.1	72.2	13.9	75.4	76.0	76.2	75.1	72.7	9*69	2
12-14	S D	4.840	4.078	3.733	3.510	2.938	2.050	1.912	2.368	2.498	2.637	3.221	4.00	4.437
	TOTAL OBS	878	805	881	854	876	857	881	~	835	882	854	898	10375
1														
_	MEAN	67.5	67.5	69.2	70.0	72.0	73.7	75.1	75.7	75.9	75.0	2	4.69	-
15-17	S. D	14.747	4.007	3.564	3.336	2.783	2.064	2.020	2.394	2.523	2.665	3.068	3.897	4.411
	TOTAL OBS	371	792	846	822	808	791	810	829	764	774	802	855	9765
	MEAN	67.5	67.4	0.69	1.69	71.8	73.6	74.9	75.2		74.6	72.3		
1001	S. O	4.507	3.930	3.500	3.231	2.690	2.022	1.979	2.401	2.390	2.621	3.001	4.000	4.288
	TOTAL OBS	876	197	884	9		821		S		M	S	9	9
	WEAN	67.3	67.4	68.8	69 .5	71.6	73.5	74.8	•	75.5	74.5	72.1	69.1	71.6
:1-23	S. D.	4.738	3.910	3.547	3.302	2.817		1.939	2.352	2.274	2.661		3.910	
	TOTAL OBS	887	867	881		80	822		9	807	8 4 4	M	\sim	021
ALL	MEAN	4.19	67.3	68.9	9.69	7.1	73.	74.	75.	75.	74	72.	69.1	71.
HOURS	3 C.		4-014	3.612	3.442	2.819	2.052	1.958	2.412	2.431	2.663	3.170		4-416
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STATION

WAKE ISLAND

STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
Z O Z	(1 2 1)	%O1	20%	30%	40%	50%	%0 %	70%	80%	%06	HUMIDITY	OBS.
NAU	20-02	100.0	130.0	100.0	100.0	\$*6 6	91.9	72-3	35.8	6.7	75.8	891
	33-05	100.0	100.0	100.0	106.0	1.86	91.2	.72.3	£*04	υ•6	h-9L	782
	66-08	100.0	100.0	100.0	100.0	98.3	91.5	72.5	39.9	5.6	76.7	824
	69-11	100.0	100.0	100.0	100.0	ũ*96	17.9	50.3	17.8	4.3	70.2	870
	12-14	100.0	160.0	100.0	9.66	7.06	63.7	28.2	1.6	2.4	2*59	878
	15-17	100.0	100.0	100.0	6.66	92.9	65.1	31.0	8.6	1.5	65.7	871
	16-20	100.0	100.0	100.0	100.0	99.1	86.4	60.2	20.9	3.1	72.2	876
	21-23	100.0	100.0	100.0	100.0	99.2	6.06	70.6	31.6	0.9	75.1	887
01	TOTALS	108•0	100.0	100.0	100.0	96.8	82.3	57.2	25.5	5.3	72.2	6879

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RELATIVE HUMIDITY

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STATION

WAKE ISLAND

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
E NOW	(L.S.T.)	%Ol	20%	30%	40%	\$0%	%09	20%	80%	%06	HUMIDITY	0 0 0 0 0 0 0 0
FFQ	39-05	100.0	100.0	100.0	100.0	8.65	*** 6	76.6	38.7	85	77.1	820
	50-20	100.0	100.0	100.0	100.0	9*66	0-16	77.4	43.3	11.0	77.8	712
	06-08	100.0	100.0	100.0	100.0	1.66	0**6	77.6	415.6	6.6	77.8	745
	11-60	100.0	100.0	100.0	100.0	97.1	19.7	48.5	15.4	2.0	1.69	794
	12-14	100.0	100.0	100.0	100.0	91.6	61.1	24.3	4.0		64.2	808
	15-17	160.0	100.0	100.0	196.0	53.1	68.7	26.6	6.1	ະຕຸ	65.2	192
	10-23	100.0	100.0	100.0	100.0	1.66	87.7	58.0	21.0	1.6	72.0	197
	21-23	100.0	100.0	100.0	100.0	8*66	93.9	74.2	34.1	6.1	76.1	807
	· ·											
10	TOTALS	100.0	100.0	100.0	100.0	5.16	84.2	57.9	25.5	5.0	72.5	6272

WAKE ISLAND

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIH	(L.S.T)	10%	20%	30%	40%	20%	% 09	70%	80%	%06	HUMIDITY	5 0 5 5
MAR	20-00	100.0	100-0	100.0	100.0	100.0	6-16	84.3	43.4	11-0	79.2	892
	03-05	100.0	100.0	100.0	100.0	6*66	98.5	8*98	6.05	13.4	80.5	729
	80-90	100.0	100.0	100.0	100.0	100.0	98.6	34.5	46.6	12.2	79.8	828
	39-11	100.0	100.0	130.0	100.0	98.86	85.3	51.5	18.6	4.1	71.4	859
	12-14	100.0	100.0	100.0	6.56	96.3	₩•99	29.4	8•6	3.1	66.3	881
	15-17	100.0	100.0	100.0	100.0	6-16	73.4	32.5	8.6	2.8	4-19	846
	18-20	100.0	1.90.0	100.0	100.0	6.66	93.3	65.0	24.2	4.6	74.2	88 48
	21-23	100.0	100.0	100.0	100.0	100.0	4.76	80.8	41.2	7.8	6-11	881
101	TOTALS	100.0	100.0	100.0	100.0	99.1	88.9	h• #9	30.4	7.4	74.6	6800

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(181) 10% (10-02 100.0 (13-05 100.0 (16-08 100.0 (16-11 100.0 (16-17 100.0 (18-25 100.0 (21-23 100.0	20% 100.0 100.0 100.0 100.0	30% 100.0 100.0 100.0 100.0	40% 100.0 100.0 100.0	99.9 100.0	%09	700%		•	KELAJIVE	5
100.0 100.0 100.0 100.0 100.0 100.0			100.0 100.0 100.0	99.9 100.0 100.0		% > 1	%O8	%0%	HUMIDITY	OBS.
100.0 100.0 100.0 160.0 100.0			100.0	100.0 100.0	98.4	88.9	40.7	7.4	0.67	877
100.0 100.0 100.0 160.0 100.0			00	100.0	98.2	0.06	50.8	11.6	80.6	731
100.0 100.0 160.0 100.0		• •	0.0		9.96	85.4	41.7	8.2	78.5	801
100.0 100.0 100.0				98.2	84.4	49.8	12.1	2.0	70.3	854
160.0 100.0 100.0			8.66	97.3	73.1	23.7	9.9	1.1	66.1	854
100.0 103.0	130.0	100.0	6.66	6.86	78.6	33.6	6.9	1.6	67.8	822
100.0	100.0	100.0	100.0	100.0	96.2	8.69	22.7	2.4	74.6	865
	100.0	100.0	100.0	100.0	98.6	84.0	37.3	0.9	77.8	857
TOTALS 188.8	100.0	100.0	100.0	99.3	90.5	65.7	27.4	5•0	74.3	6661

WAKE ISLAND

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_			, ACT	200	7007
94.8	+	99.7	100.0 99.7	100.0 99.7	30% 40% 50% 00% 3.0 100.0 100.0 99.7
9.96	-	6*66	100.0 99.9	6*66	3.0 100.0 100.0 99.9
91.3	S	5.66	100.0 99.5	5.66	0.00 100.0 100.0 99.5
50.7	σ,	93	99.8 93	93	0.0 100.0 99.8 93
21.5	80	.5 82.8	99.5 82	.5 82	3.0 100.0 99.5 82
30.5	2.	\$ 88°5	5 .6 6		100.0 99.9
71.9	M.	.B 98.3	100.0		0.001 0.001 0.0
91.1	8	8*66 0*	100.0	<u> </u>	100.0 100.0
68.6	.3	.9 95.3	6.66	100.0 100.0 99.9 95.3	0.00 100.0 99.9

WAKE ISLAND

77-86

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	%09	70%	*08	%06	HUMIDITY .	obs.
NOC	00-05	100.0	100.0	100.0	100.0	100.0	100.0	88.3	59.3	9*9	82.1	837
	03-05	100.0	130.0	100.0	100.0	100.0	100.0	99.3	72.0	12.3	84.2	68.5
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	95.3	57.1	10.6	81.9	780
	09-11	100.0	100.0	100.0	100.0	100.0	98.2	50.3	12.2	1.7	71.9	84.1
	12-14	100.0	100.0	100.0	100.0	100.0	#*58	23.9	6.4	1.6	67.2	857
	15-17	100.0	168.8	100.0	100.0	100.0	91.5	28.6	6 ° M	1.1	67.9	191
	18-20	100.0	100.0	100.0	100.0	100.0	4-66	75.4	24.4	1.9	75.6	821
	21-23	100.0	100.0	100.0	100.0	100.0	6.66	9.46	49.3	ري 4.	80.3	822
2	TOTALS	100.0	100.0	100.0	100.0	100.0	97.3	70.8	35.4	5.2	76.4	5434

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
X O X	(I.S.T.)	10%	20%	30%	40%	%0\$	%09	70%	80%	%06	HUMIDITY	5.5
JIIL	20-05	100.0	100.0	100.0	100-0	100.0	100.0	6.36	57.5	10.1	82•0	850
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.1	72.5	15.6	83.9	619
	26-08	100.0	100.0	100.0	100.0	100.0	100.0	95.2	57.2	10.0	81.9	799
	09-11	100.0	100.0	100.0	100.0	100.0	98.3	55.7	13.9	1.3	72.5	865
	12-14	100.0	100.0	100.0	100.0	100.0	87.6	30.2	5.7	9.	67.8	881
	15-17	100.0	100.0	100.0	100.0	100.0	91.5	34.9	4.9	1.5	68.7	018
	18-20	100.0	100.0	100.0	100.0	100.0	9*66	73.1	28.2	2.7	75.9	839
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	93.9	8.8	6.4	80.5	846
								,				
10	TOTALS	100.0	100.0	100.0	100.0	100.0	97.1	72.1	36.3	0.9	76.7	6959

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	%O1	20%	30%	40%	50%	%09	70%	%O8	%06	HUMIDITY	5 0 5 0 5 0
AUG	20-00	100.0	100.0	100.0	100.0	100.0	6*66	8*56	2*29	11.8	1.28	900
	03-05	100.0	130.0	103.0	100.0	100.0	190.0	9•96	68.1	13.3	83.7	762
	36-08	100.0	100.0	100•0	100.0	100.0	100.0	4.46	60.7	13.8	82.7	840
	09-11	100.0	100.0	100.0	100.0	100.0	97.2	67.8	27.4	3.4	75.3	855
	12-14	100.0	100.0	100.0	100.0	7.99	92.0	5.5	15.0	3.7	71.2	874
	15-17	100.0	100.0	100.0	100-0	100.0	92.3	48.4	17.71	3.1	71.9	828
	18-20	100.0	100.0	100.0	100.0	100.0	98.2	78.2	36.5	5.1	77.4	857
	21-23	100.0	100.0	100.0	100.0	100.0	6.66	92.3	55.8	h •6	81.3	865
10	TOTALS	1.00.0	100.0	100.0	100.0	100.0	h°26	77.2	42.9	8•0	78.3	6782

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	I OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
WOW	(1.5.1.)	%01	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	0 0 0 0
SFP	20-00	100.0	100.0	130.0	100.0	100.0	100.0	94.1	58.7	8.5	81.7	828
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	D•36	63.7	11.9	82.8	716
	80-90	103.0	100.0	100.0	100.0	100.0	100.0	91.6	58.1	11.8	81.9	787
	110-11	100.0	100.0	100.0	100.0	100.0	9•96	62.8	18.6	2.8	73.8	817
	12-14	100.0	100.0	100.0	100.0	100.0	89.0	38.0	8.9	1.6	69.5	835
	15-17	130.0	100.0	100.0	100.0	6*66	92.7	44.5	12.8	2.1	70.8	764
	18-20	100.0	100.0	100.0	100.0	100.0	98.0	74.9	31.8	3.4	76.5	804
!	21-23	100.0	100.0	100.0	100.0	100.0	6*66	87.9	52.0	5.2	80.1	807
								,				
77	TOTALS	130.0	100.0	100.0	100.0	100.0	97.2	73.6	38.1	5.9	77.1	6358

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	ICENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
WOW I	(L.S.T.)	%OI	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	Ç 0
OCT	00-05	100.0	100.0	100.0	100.0	100.0	6.66	92.1	2.05	5.9	9*08	3 3 3
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	6.96	65.4	9.0	82.9	619
	80-90	100.0	100.0	100.0	100-0	100.0	6*66	0.46	52.9	9.9	80.9	199
	39-11	100.0	100.0	100.0	100-0	100.0	96.2	58.3	16.8	2.5	72.9	839
	12-14	100.0	100.0	100.0	100-0	6*66	87.4	35.7	8.9	1.0	68.8	.882
	15-17	100.0	100.0	100.0	100.0	100.0	93.5	47.4	10.9	1.6	71.0	774
	18-20	100.0	100.0	100.0	100.0	100.0	6.66	81.1	33.6	3.2	77.2	837
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	88.6	47.2	4.3	79.5	8 tr
						-						
7.0	TOTALS	100.0	100.0	100.0	100.0	100.0	97.1	74.3	35.5	4.3	76.7	66439.

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS		1 1-		PERCENTAG	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF	
(L.S.T.) 10% 20% 30%	20%		30%		40%	20%	%09	70%	80%	%06	HUMIDITY	oss.	
00-05 100.0 100.0 100.0 10	100.0 100.0	100.0		10	100.0	6*66	99.3	86.2	#O.9	8.5	79.2	858	``
03-05 100.0 100.0 100.0 10	100.0 100.0	100.0		10	0*001	100.0	8-66	89.2	0.64	10.5	80.5	249	
0.001 0.001 0.001 80-60	100.001	100.0		=	0*001	100.0	66.1	85.5	41.5	9.6	79.1	793	
09-11 100.0 100.0 100.0 11-60	100.01	100.0		1	0*001	9*66	88.2	52.3	18.4	4.9	72.2	824	•
12-14 100.0 100.0 100.0 1	100.0 100.0	100.0		-	0*901	1.66	80.1	34.7	11.0	2.5	68.3	854	
18-17 106.0 100.0 100.0 1	100.0 100.0	100.0		74	0*001	8*66	87.7	6.94	14.2	3.2	7.07	802	•
18-20 100.0 100.0 100.0 10	100.0 100.0	100.0		10	100.0	100.0	97.9	76.5	29.4	5.3	76.4	858	
21-23 100.0 100.0 100.0 10	100.0 100.0	100.0		10	100.0	100*0	6.86	82.3	38.9	8.5	78.2	838	
											·		
TOTALS 100.0 100.0 100.0 10	100.0 100.0	100.0		3.0	100.0	8*66	93.9	0.69	30.4	6.7	75.6	6471	
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
E Z S	(1.5.1.)	%Ol	20%	30%	40%	\$0%	%0%	70%	%08	%06	RELATIVE	0 0 0 0 0 0
DLC	00-05	100.0	100.0	100.0	100.0	1.66	93.6	77.1	35.3	6.0	76.4	873
	03-05	100.0	100.0	100.0	100.0	6.66	64.3	76.1	33.3	6.4	76.0	714
	a6-08	100.0	100.0	100.0	100.0	99.5	94.1	78.6	34.3	5.7	76.5	807
	J9-11	100.0	100.0	100.0	100.0	1.16	7.67	45.4	13.1	2.1	69.3	868
	12-14	160.0	100.0	150.0	100.0	94.8	9.49	26.6	5.9	1.2	65.1	898
	15-17	100.0	100.0	100.0	100.6	97.1	72.5	28.7	6.5	1.4	9.99	855
	18-20	100.0	100.0	100.0	100.0	98.8	90.1	65.9	19.3	3.4	72.9	862
	21-23	100.0	100.0	100.0	100.0	99.3	3.46	72.0	25.8	4.6	75.1	872
												-
01	TOTALS	100.0	100.0	100.0	100.0	98.3	85.8	58.1	21.7	3.9	72.2	6749

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WAKE ISLAND

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CUNULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GR	EATER THAN			MEAN	TOTAL
E E	(L.S.T.)	%01	20%	30%	40%	20%	%09	70%	%08	% 06 ·	HUMIDITY	5 g
JAN	ALL	100.0	100.0	100.0	100.0	8.96	82.3	57.2	25.5	E S	72.2	6879
FEB		100.0	100.0	100.0	100.0	97.5	84.2	57.9	25.5	5.0	72.5	6272
X A N		100.0	100.0	100.0	100.0	99.1	88.9	64.4	30.4	7.04	74.6	6800
APR		100.0	100.0	100.0	100.0	99.3	90.5	65.7	27.4	5.3	74.3	6661
YAY		100.0	100.0	100.0	100.0	6.66	95.3	68.6	33.9	5.0	15.8	6766
NOC		100.0	100.0	100.0	100.0	100.0	97.3	70.4	₹5.4	5.2	76.4	6434
Jul		100.0	100.0	100.0	100.0	100.0	97.1	72.1	36.3	6.0	76.7	6959
AUG		160.0	100.0	100.0	100.0	100.0	97.4	77.2	42.9	8.0	78.3	6782
SFP		100.0	100.0	100.0	100.0	100.0	97.2	73.6	38.1	5.9	77.1	6358
100		100.0	100.0	100.0	100.0	100.0	97.1	74.3	35.5	4.3	76.7	6439
NON		130.0	100.0	100.0	100.0	8.66	93.9	0.69	30.4	6.7	75.6	6471
Drc		100.0	100.0	100.0	100.0	98.3	85.4	58.1	21.7	3.9	72.2	6419
tol	TOTALS	100.0	100.0	100•0	100.0	2*66	2.26	67.4	31.9	5.7	75.2	79180

PART F

PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly symoptic times GCT. The same computations are also provided at the bottom of the page period is limited by service as indicated below.

Station prissure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65. METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70. Station pressure not reported for all services until late in 1945. NOTES:

- Station pressure is presented in the table in inches of mercury.
- Sea-level pressuire is presented in millibars.

This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-Meteorological Tables.

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MEANS AND STANDARD DEVIATIONS

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY GBSERVATIONS

91245C WAKE ISLAND

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